

*Sister Rosalie Lini*

*Bulletin*  
*of*  
*Mount Saint Mary's*  
*College*



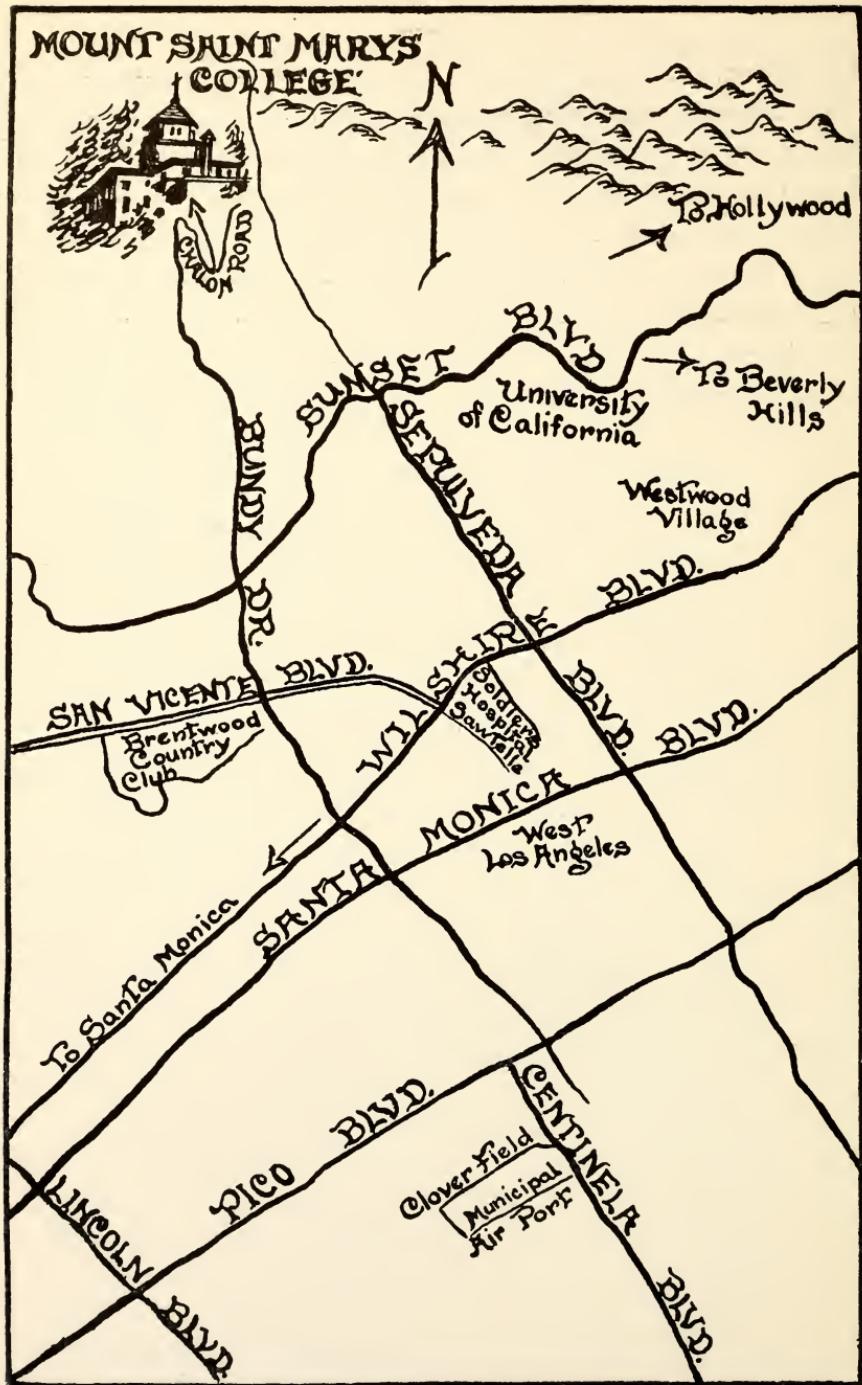
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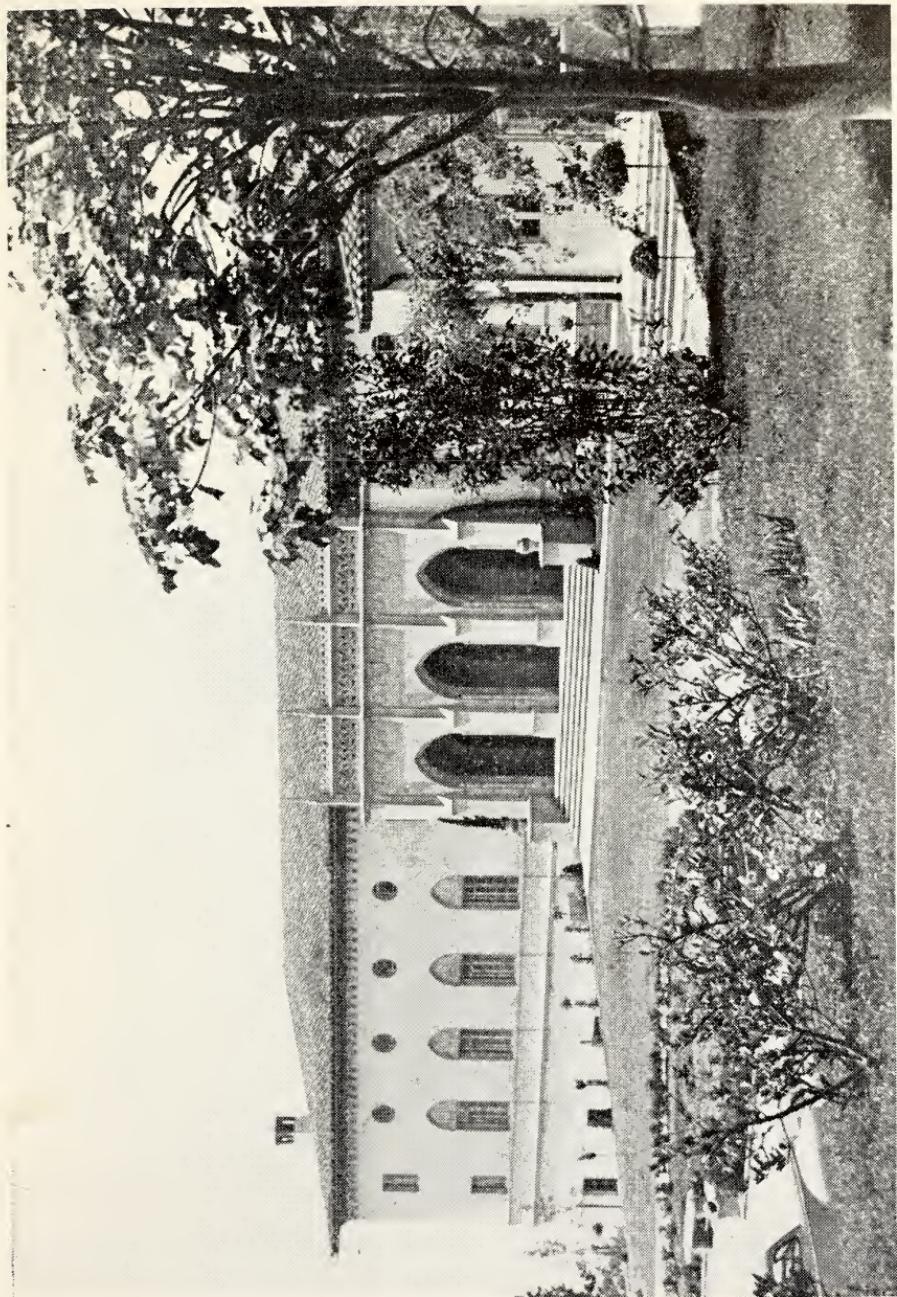
LOS ANGELES, CALIFORNIA



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*Bulletin*  
*of*  
**Mount Saint Mary's College**  
Conducted By  
*The Sisters of St. Joseph of Carondelet*



1949-1950

12001 Chalon Road via North Bundy Drive  
Los Angeles 24, California  
**MOUNT SAINT MARY'S COLLEGE**

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# **Mount Saint Mary's College**

## **ADMINISTRATIVE ORGANIZATION**



### **THE ADVISORY BOARD**

**THE MOST REVEREND J. FRANCIS A. McINTYRE, D. D.**

**THE VERY REVEREND PATRICK J. DIGNAN**

**THE REVEREND CHARLES S. CASASSA, S. J.**

**THE HONORABLE A. A. SCOTT**

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**MRS. JOHN FARROW**

**JOSEPH A. POLLIA, M.D.**

**MARY STANTON**

**OLIN WELLBORN, III**

**SISTER ROSEMARY, Provincial Superior**

**SISTER MARIE DE LOURDES, President**

### **THE EXECUTIVE OFFICERS**

<b>SISTER ROSEMARY</b>	.....	Honorary President
<b>SISTER MARIE DE LOURDES</b>	.....	President
<b>SISTER ROSE DE LIMA</b>	.....	Dean
<b>SISTER ROSE GERTRUDE</b>	.....	Dean of Resident Students
<b>SISTER MARY TERESA</b>	.....	Registrar
<b>SISTER MARY ELEANOR</b>	.....	Treasurer
<b>SISTER CATHERINE ANITA</b>	.....	Librarian

**OFFICERS OF INSTRUCTION**

<b>SISTER AGNES BERNARD</b>	Professor of History and Political Science
B.A., M.A., and Ph. D., Catholic University of America	
<b>JUAN AGUILAR</b>	Lecturer in Music
D. Mus., University of Mexico	
<b>SISTER ALICE MARIE</b>	Assistant Professor of Chemistry
B.A., Mount St. Mary's College; M.S., Catholic University of America	
<b>THE VERY REVEREND ROBERT BRENNAN</b>	Associate Prof. of Music
D. Mus., Pontifical Institute of Sacred Music	
<b>REVEREND ANTHONY BROUWERS</b>	Lecturer in Religion
S.T.B., Gregorian University, Rome; M.A., Catholic University of America	
<b>SISTER CATHERINE ANITA</b>	Librarian
B.A., Mount St. Mary's College; B.S. in L.S., College of St. Catherine	
<b>SISTER MARY CELESTINE</b>	Professor of Music
B. Mus., M. Mus., University of Southern California; D. Mus., University of the West	
<b>INEZ COMEAU</b>	Instructor in Home Economics
B.A., University of North Dakota	
<b>THE VERY REVEREND PATRICK DIGNAN</b>	
Ph. D., Catholic University of America	Associate Professor of Philosophy
<b>SISTER MARY DOLOROSA</b>	Professor of Classical Languages
B.A., M.A. University of Arizona; Ph. D. Catholic University of America	
<b>SISTER ELOISE THERESE</b>	Assistant in Modern Languages
B.A., University of California, Los Angeles; M.A., University of California, Los Angeles	
<b>CHARLOTTE FRIEDLANDER</b>	Instructor in Languages
A.B., University of Berlin; M.A., University of California, Los Angeles; Ph. D. (Cand.), University of California, Los Angeles	
<b>ROBERT M. GARRICK</b>	Lecturer in Journalism
B.A., University of Southern California	
<b>WILL GARROWAY</b>	Instructor in Music
B.A., Mount St. Mary's College; Foreign travel and study in France and Germany	
<b>SISTER MARY GENEROSA</b>	Associate Professor of History
B.A., M.A., Villanova College	

SISTER GENEVIEVE MARIE	Instructor in Nursing Education
B.S., Mount St. Mary's College; M.S. in N. Ed., Catholic University of America	
SISTER MARY GERALD	Instructor in Biology
B.A., University of Southern California; M.S., Catholic University of America	
SISTER M. GERMAINE	Instructor in Classical Languages
A.B., Mount St. Mary's College; M.A., University of Southern California; Ph. D., Catholic University of America	
SISTER GERTRUDE JOSEPH	Professor of Biology
B.A., College of the Holy Names; M.S., University of Southern California	
HERBERT GRAY	Lecturer in Music
B.A., University of Minnesota	
REVEREND MICHAEL HANLON	Lecturer in Psychology
M.A., National University, Dublin; L.C.L., Maynooth	
SISTER MARY HORTENSIA	Professor of Education
B.A., Mount St. Mary's College; M.A., University of California, Los Angeles	
ALICE HUBARD	Instructor in Modern Languages
B.A., M.A., University of Southern California	
SISTER MARY IDA	Professor of Chemistry
B.A., University of California, Berkeley; M.A. University of Southern California	
SISTER MARY IGNATIA	Professor in Art
B.A., M.F.A., California College of Arts and Crafts	
E. M. KEITHLEY	Instructor in Business Administration
B.S. in Ed., State Teachers College, Wisconsin	
CLYDE L. KELLY	Lecturer in Art
A.B., University of California, Los Angeles	
SISTER MARY MARGUERITE	Assistant Professor in Home Economics
R.N., B.A., University of Arizona	
SISTER MARIE de LOURDES	Professor of English
B.A., M.A., University of Arizona; Ph. D., Catholic University of America	
THE REVEREND THOMAS McNICHOLAS	Associate Professor of Philosophy
S.T.B., Lateran Pontifical University; M.A., University of California Los Angeles	

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<b>SISTER MARY PATRICIA</b> B.A., Mount St. Mary's College	Instructor in English
<b>JOSEPH A. POLLIA</b> M.D., Hahneman Medical College of the Pacific; Fellow, American College of Physicians; Diplomate in Internal Medicine	Associate Professor in Science
<b>WALTER POLNER</b> M.A., University of Wisconsin	Lecturer in Economics
<b>SISTER M. REBECCA</b> B.S., Mount St. Mary's College; M.S. in N. Ed., Catholic University of America	Instructor in Nursing Education
<b>SISTER REGINA JOSEPH</b> B.A., University of Arizona; M.A., University of Southern California	Professor of Social Sciences
<b>THE REVEREND PATRICK ROCHE</b> B.A., Holy Cross College; Ph. D., Catholic University of America	Associate Professor of Philosophy
<b>SISTER ROSE de LIMA</b> B.A., M.A., University of Southern California; Ph. D. (Cand.) University of California, Berkeley	Associate Professor of Education
<b>SISTER ROSE GERTRUDE</b> B.A., Mount St. Mary's College; M.A., Ph. D., Catholic University of America	Professor of Mathematics
<b>SISTER ST. FRANCIS</b> B.A., College of the Holy Names; M.A., University of California, Berkeley	Associate Professor of Social Science
<b>MARY STANTON</b> B.A., M.A., Ph. D., University of Chicago	Assistant Professor of Social Welfare
<b>FRANCES SWEENEY</b> A.B., Colorado State College; M.A., Teachers' College, Columbia University	Assistant Professor in Education
<b>MARGARET THURBER</b> B.S., University of California, Los Angeles	Lecturer in Cancer Research
<b>EDDISON VON OTTENFELD</b> A.B., University of Michigan; M.M., University Conservatory of Brussels	Lecturer in Music
<b>SISTER MARY TIMOTHY</b> B. Mus., M. Mus., Mount St. Mary's College; Graduate study at the University of Southern California	Associate Professor of Music
<b>THE REVEREND JOSEPH A. VAUGHAN, S. J.</b> Ph. D., Gregorian University	Professor of Philosophy
<b>SISTER MARY VIVIAN</b> B.A., Mount St. Mary's College; B.S. in L.S., University of Southern California	Assistant Librarian

**FOUNDATION**

Mount St. Mary's College was founded in 1925 by the Sisters of St. Joseph of Carondelet under the patronage of The Most Reverend John J. Cantwell, D.D., LL.D., Archbishop of Los Angeles. This congregation of religious women, devoted to the cause of education, has reflected in its institutions the principles which three centuries ago inspired its founder, Bishop Henri de Maupas of Le Puy, France, to establish a congregation of religious women uniting action and contemplation. True to the spirit of their founder, the Sisters of St. Joseph endeavored to incorporate the finest traditions of their congregation into the program of education established at Mount St. Mary's College.

By virtue of its Charter granted by the State of California, the college is empowered to confer such honors, degrees, and diplomas in the arts and sciences, as are usually conferred in colleges in the United States of America. It is a member of the National Catholic Education Association, the Association of American Colleges, the American Council on Education, the Northwest Association of Secondary and Higher Schools, the Western College Association, and is affiliated with the Catholic University of America. Its students are admitted on transcript of credit to the University of California and other universities and colleges in the State and elsewhere. The College is approved by the California State Department of Education for training and recommending candidates for the General Elementary Credential, the General Secondary Credential, and the Special Secondary Credential in Music.

**LOCATION**

The college occupies a tract of fifty-six acres in Brentwood Hills, commands a view of the ocean from Santa Monica to Palos Verdes on the west, the Santa Monica Mountains on the east and north, while its southern outlook comprises a panorama of practically the entire city of Los Angeles, with its surrounding areas.

**AIMS AND IDEALS**

The aim of Mount St. Mary's College is to offer its students an instructional program in the liberal arts that is Christian in its tradition and Catholic in its philosophy. Through this educational

program the college endeavors to develop the student's whole personality—intellectually, spiritually, socially, and physically. The college hopes to attain these objectives, not only by the curricular offerings, but also by the opportunities afforded by a spacious campus which contains impressive buildings of the Spanish-Renaissance type—a chapel, faculty hall, students' residence hall, administration building, and memorial library.

The student is required to select a program of studies that will lead toward the development of clear and right thinking, and to the formation of correct judgments. She acquires this in the department of religion and philosophy, in the departments of language and literature, social sciences, natural science and mathematics, music and art. Her intellect is further disciplined by a knowledge of the methods employed in these major fields of thought.

The growth of the spiritual life in the student is fostered by prescribed courses in religion and philosophy, and is a major aim in class sessions and general activities. In fact, the entire organization of the college is guided by principles emanating from Catholic philosophy which leads to the enrichment and expression of religious life.

The courses in the social sciences are especially designed to awaken in the student a sense of her social obligations. Not only in the study of the social sciences, but in the cultural life of the campus, in its organizations, and lecture programs, an effort is made, through the cooperation of the faculty and the students, to awaken in the young woman qualities which will make her an instrument for happiness in the home and in the society of which she is a member.

Mount St. Mary's guards the physical well-being of its students by encouraging all forms of athletic and outdoor recreation. The combined air of mountain and sea makes the location an ideal one from the standpoint of health, and forms an asset not often attainable within the limits of a great metropolis.

## ADMISSION TO THE COLLEGE

### General Requirements

Candidates for admission should have completed a required preparatory course and should present satisfactory evidence of good moral character, and physical and mental fitness for college work. Each applicant must fill out and return a registration blank which will be furnished upon request. A doctor's certificate of good health and sound physical condition is required.

All entering students must take the English examination in Subject A if they have not already passed it in a standard college.

### Admission to Freshman Standing

Two plans of admission are provided.

#### *Plan A—The Normal Pattern*

Certified graduates of accredited preparatory schools who meet the following requirements are eligible for admission to freshman standing:

Presentation of 16 standard entrance units including:

English	3 units
United States History and Civics	1 unit
Foreign Language (Latin, German, Greek, Italian, French, or Spanish. These units must be in one language.)	2 units
Laboratory Science (Physics, Chemistry, Physiology, Biology)	1 unit
Mathematics (Elementary Algebra, Plane Geometry)	2 units
Advanced (3rd or 4th year) mathematics, or foreign language, or chemistry, or physics—1 unit; or two years of a second language	2 units
Electives	4 or 5 units

Electives may be selected from any subject accepted by secondary schools toward graduation.

Of the sixteen entrance units listed above, at least twelve units must be of recommended grade (B or better), or eight in the last three years of high school.

The applicant must present a recommendation from the principal of the high school from which she graduates.

Before being admitted to the college, a student must make an acceptable rating on the American Council on Education Psychological Examination.

***Plan B—Provisional Admission***

An applicant whose preparation varies in any respect from the normal pattern may also qualify for entrance by earning a sufficiently high score on achievement tests and a satisfactory score on a standard psychological examination.

The achievement test score must be high enough to eliminate the lowest quartile of a standard recognized high school. A student will not be admitted whose high school average is less than a **C** where **D** is the passing mark. A subject deficiency in language work (i.e. lack of two units in the same foreign language) can be overlooked in the case of a student otherwise capable. A subject deficiency in either elementary algebra or/and plane geometry will have to be made up in the freshman year of college. Opportunity is offered at the college to take plane geometry without college credit.

**Admission to Advanced Standing**

A student will be admitted to advanced standing on presenting a satisfactory transcript of credit from an approved college. Character references are also required. A transfer student must be in good standing in the college from which she transfers, and must have been granted an honorable dismissal. An average of **C** is required in the college work of the transfer student. Any course with a grade of **D** will not be accepted.

**Classification of Students**

Sophomore standing is granted to a student who has completed twenty-eight units of credit, and twenty-eight grade points.

Junior standing is granted to a student who has completed sixty units of credit and sixty grade points.

Senior standing is granted to a student who has completed ninety units of credit and ninety grade points.

**Lower Division**

Junior standing marks the completion of the lower division. It signifies that with few exceptions all prescribed subjects not directly related to the advanced work in the major and minor have been completed either in the high school course or in the lower division.

The specific requirements for junior standing are:

1. Religion.....4 units
2. Philosophy.....8 units
3. English.....10 units  
(Three units of this requirement may be elected in speech).
4. Foreign Language.....16 units  
(These units may be in not more than two languages. This requirement may be partially fulfilled by foreign language taken in high school with a grade of at least C.)
5. History.....10 units
6. Natural Science.....12 units  
Three units of this requirement may be satisfied by any eleventh or twelfth grade laboratory science taken in high school with a grade of at least C.
7. Physical Education and Hygiene.....2 units  
The prescribed work of the freshman and sophomore years.

In accordance with scholastic requirements, a minimum average grade point ratio of 1 is necessary for advancement from the lower division.

As early in the lower division as possible, each student should determine the major and minor she later wishes to pursue, in order that the prerequisites may be included in her program of lower division courses.

It should be noted that, while in the lower division, a student should not elect more units in her proposed major subject than are permitted under the regulation which forbids more than forty of the one hundred twenty-eight units required for graduation in any one department.

#### Upper Division

Only those students will be admitted to upper division standing who have completed sixty or more units of college work.

The bachelor's degree will be granted upon fulfilling the following requirements:

1. The completion of sixty units of upper division courses. Courses numbered in the 300 series are not counted toward a degree.
2. The inclusion of four units of religion and eight of philosophy in the work of the upper division.
3. The inclusion of a course in American Institutions and United States History, unless the requirement has been met in the lower division.
4. The attainment of an average grade point ratio of 1 in the work of the upper division as a whole.
5. The completion of an acceptable major and minor.

### **Majors and Minors**

On entering the work of the upper division, each student must select a departmental major and a departmental minor, or a group major in which she proposes to do intensified study. From the time of such selection, her program will be supervised by the advisers in her major and minor departments. The program of a student who chooses to complete a double major or a group major is subject to the approval of the Dean.

The following general regulations relate to the administration of all groups and departments under the supervision of the Dean.

For a departmental major or minor, not more than twenty-four units of upper division work may be required in the major work nor more than twelve units in the minor. Units required in excess of the minimum of eighteen and nine, for major and minor respectively, may be wholly or partly from specified courses in related departments.

Major advisers shall be held responsible for the enforcement of the regulation providing that not more than forty units of the one hundred and twenty-eight required for graduation may be selected by the student and counted in any one department.

A student transferring from another institution who is granted senior standing must complete eighteen of the twenty-four units

required in residence in the upper division, twelve of which must be in a major subject. Transfers of less than senior standing will be required to meet substantially all the regular requirements.

It is advised that students continue the work of the major department or group throughout the four semesters of the upper division. It is required that regular courses be pursued in each of three semesters, including the last two.

In general students who fail to attain an average grade point ratio of 1 in the work of the lower division of any department will not be accepted by that department as majors or minors.

A change in the choice of a major or a minor after the student has entered the upper division may be made only with permission of the Dean and the consent of the advisers concerned.

Students wishing to prepare for a teacher's credential must consult the department of education on beginning upper division work.

Majors and minors are offered in the following departments:

1. English and Speech.
2. Foreign Languages:  
    Classical Languages  
    French  
    Spanish
3. Social Sciences:  
    Economics and Business Administration  
    History  
    Political Science  
    Sociology  
    Social Welfare
4. Mathematics
5. Natural Science:  
    Bacteriology  
    Chemistry  
    Zoology
6. Home Economics
7. Music and Art
8. Group Major.

**SCHOLARSHIP GRADES AND REQUIREMENTS**

Results of examinations, semester reports, and the general average of the scholastic standing of a student in her entire course are indicated by the following system of grades.

Passing: A, excellent; B, good; C, average; D, barely passing.

Not passing: Incomplete (Inc.), indicating that while the work done is of passing grade, yet portions remain unfinished owing to illness or similar unavoidable causes. Illness and unavoidable causes must be so interpreted by the office of the Dean. It may be removed in such a manner as the instructor may determine.

An "incomplete" becomes a "failure" if not removed within one year of the date on which it was incurred.

Failure, F, to be removed by repetition of the course.

**Grade Points**

The standard of scholarship of a student is determined by taking a ratio between the total grade points earned during a given semester and the number of units or semester hours, for which the student was registered during the semester.

In estimating this ratio:

A grade of **A** counts 3 grade points per credit unit.

A grade of **B** counts 2 grade points per credit unit.

A grade of **C** counts 1 grade point per credit unit.

A grade of **D** counts no grade points per credit unit.

A grade of **F** deducts 1 grade point per credit unit.

An incomplete is not considered in estimating the ratio.

**Scholarship Requirements**

Mid-semester reports on the work of students are required of all instructors, and students are notified of their standing. Final semester reports are sent to all students. Parents or guardians will be notified when the student's scholarship is seriously delinquent.

Any student who fails in a given semester to earn a number of grade points equal to the number of units for which she is registered is placed on probation and must limit her program of studies. If she fails in the following semester to earn a number of grade points equal to the number of units for which she is registered, she is disqualified from further attendance at the College.

A student who in any semester fails to pass eight units of work is disqualified. When extenuating circumstances, such as prolonged illness, account for the student's disqualification, she may be permitted, on petition to the proper committee, to continue on probation until the next mid-semester.

A minimum grade point ratio of 1 is required in the work of the lower division before a student can be granted junior standing, and in the upper division, as well as in her entire course, before she can be graduated.

The rules regarding scholastic standing in a major subject are stated under the rules governing majors and minors.

### Honors

Degrees with honors are conferred on students who attain the standards of one of the following distinctions, which are based on scholarship: **Summa cum laude**, **Magna cum laude**, **Cum laude**.

**Summa cum laude:** On the recommendation of the Committee on Honors, the degree **Summa cum laude** shall be granted to a student who has received a grade point average of 2.8.

**Magna cum laude:** On recommendation of the Committee on Honors, the degree **Magna cum laude** shall be granted to a student who has received a grade point average of from 2.5 to 2.8.

**Cum laude:** On recommendation of the Committee on Honors, the degree **Cum laude** shall be granted to any student who has received a grade point average of from 2.3 to 2.5.

### Honor Societies

A chapter of Kappa Gamma Pi and a chapter of Delta Epsilon Sigma, National Honor Societies of Catholic Colleges, have been established at Mount St. Mary's College. A limited number of students from the senior class distinguished for scholarship and personality traits is elected each year to membership in these honor societies.

## COLLEGE DISCIPLINE

The college insists on regularity, exactness, and order as qualities essential to the successful pursuit of study and fundamental in the formation of strong, womanly character. In estimating a student's grade in any subject pursued in the college, regularity of attendance at class exercises receives important consideration. Regular attendance of students at all scheduled classes and assemblies is required. "Cuts" are not allowed. Absences are justified only when necessary.

When the number of excused absences in a course exceed four in a two-unit course, or six in a three-unit course, the student will receive a failure for that course. A student absent three times in a two-unit course, or four times in a three-unit course may not receive a grade higher than a C. In the case of absence for a prolonged period due to illness, death in the family, or other compelling cause, the rule regarding absences may be modified upon the recommendation of the Dean. Students who are absent from class on the day preceding or following a holiday will be charged with a double absence for each class missed.

In case of serious interruption of work during the semester, a student should apply to the Dean for formal leave of absence. Any student discontinuing her work without such formal leave may lose her privilege of registration and forfeit her right to a clear transcript of credit.

After the second week of the semester no student is permitted to withdraw from a course nor enroll in a course without the permission of the Dean. A student withdrawing from a course after the mid-term examinations will receive a grade of F in the course from which she withdrew.

A student in good standing, absent one or more semesters, may re-enter at the opening of any semester.

Students who are unable to commute to their homes daily are required to reside on the campus. The permission of the Dean is required to reside elsewhere.

Enrollment in the college implies willingness on the part of the student to comply with the requirements and regulations of the college. Should the student fail to comply with these requirements and regulations and the faculty consider her influence to be harmful to others or to the spirit of the college, her withdrawal is requested even though she is charged with no specific breach of discipline.

### **CHOOSING A POSITION**

The college recognizes that many students enter college without having definitely decided upon a profession or vocation. Opportunity will be given to those who wish to have guidance in making this decision to take interest and aptitude tests. These tests will indicate professions which the students might enter most happily and successfully.

## DEPARTMENT OF ART

Sister Mary Ignatia

Clyde L. Kelly

The Department of Art presents courses essential to the pursuit of culture and professional preparation, including the training of teachers. Historical knowledge and creative effort are emphasized.

### ART TECHNIQUE COURSES

A studio fee of \$3.50 will be charged each semester for enrollment in each Technique of Art course.

**PREPARATION** for the major: Art: 2A-2B, 4A-4B, 14A-14B, 24A-24B, 30A-30B, or 33A-33B, or 15 and 32A.

A choice of any one of the following sequences is to be determined at the end of the second year according to the particular abilities and needs of the individual student as estimated by the staff in conference with the student.

**THE MAJOR:** Twenty-four units of coordinated upper division courses which may be taken in one of the specified curricula.

1—Curriculum in Appreciation and History of Art.

- (a) Courses 102A-102B
- (b) 14 units chosen from the following: 103, 104, 105, 106
- (c) 144A, 174A

2—Curriculum in Creative Art.

- (a) Courses 155, 102, 103, 104, 144A-144B
- (b) 9 units chosen from the following: 144A-144B, 164A-164B, 174A-174B

3—Curriculum in Teaching Art

- (a) Courses 155, 101, 105, 144, and 11 units chosen from one of the above curricula to be approved by the departmental adviser.

### RELATED REQUIREMENTS

Ten units in a modern foreign language, six units in English composition 1-2, four units in English literature, two units in natural science, and four units in social science.

### LOWER DIVISION

#### **2A-2B. Art Structure. (2-2) Yr. Sister Ignatia**

Fundamental course in color theory and harmony as related to two-dimensional decorative design.

#### **4A. Freehand and Mechanical Perspective (2) I, II Mr. Kelly**

Practical application to drawing: Contour and gesture drawing, experience in line quality, light and shade, leading to the development of individual expression.

**4B. Freehand Drawing. (2) Mr. Kelly**

Prerequisite 4A

Objective drawing of natural forms from observation and memory.

**14A.....Still-Life Painting (2) Sister Ignatia**

Prerequisites 4A-4B

The techniques of water-color painting; problems of composition in painting; light and its effect on form.

**14B. Water Color Rendering (2) Sister Ignatia**

Prerequisites 4A-4B-14A

Continuation of the study of water color rendering; color as related to form, light and space; still life forms.

**Art 15. Lettering (2) I Mr. Kelly**

The design of lettering, composition in type forms, and problems in simple layouts.

**Art 21. (2) House Furnishing. Mrs. Comeau**

Lectures and demonstrations. Appreciative study of modern house furnishing.

**Art 24A-B. Figure Sketching (2-2) Yr. Sister Ignatia**

Basic simplified study of the human figure proportions; quick sketching in black and white and color of the costumed figure, from life and dummy models. Some exercises in variations adapted to fashion industry. Emphasis on organization of main lines.

**30A-30B. Applied Design (2-2) Yr. ....**

Prerequisite 12A-12B

Elementary problems in leather tooling, modeling, tooling and coloring of leather for making of book-covers and cases, etc.

**\*32A-32B. Advanced Art Structure. (2-2) Yr. ....**

Prerequisite 2B

Further experience in color and design.

**33A-33B. Elementary Ceramics. (2-2) Yr. Sister Ignatia**

An introduction to the field of ceramic art materials and their function as applied to pottery and its art values; practice in the methods of building pottery, glazing. Some experience in the use of plastic material, in abstract compositions in three-dimensional form.

**\*40. Advanced Drawing. (2) I Sister Ignatia**

Prerequisite 4A, 2A-B

Continuation of beginning problems in space and form. Study of expressive movement applied especially to landscape composition. Mediums—charcoal, crayon and wash rendering.

**42. Fundamentals of Art. (2) I .....**

An exploratory course in art. Not open to art majors.

Required of all candidates for the elementary teaching credential.

**90A-90B. History of Art (3-3) Yr. ....**

A survey course from the Byzantine era through the origins and development of Renaissance art.

\* Not to be given in 1949-1950.

## UPPER DIVISION

## HISTORY OF ART

\*101. **History of Costume.** (2) Sister Ignatia  
The history of costume from ancient to modern times.

\*\*102A-B. **Italian Art of the High and Late Renaissance in Venice, Spain, and the Netherlands.** (3-3) Yr. Sister Ignatia

\*\*103. **History of Art in France and England of the 18th and 19th Centuries.** (3) I .....

\*\*104. **History of Modern Art—20th Century.** (3) II Sister Ignatia  
Analysis of Modern painting, sculpture and related arts.

\*\*105. **History of American Art.** (3) I .....

A survey of architecture, sculpture, and painting in the United States from colonial times to the present day.

\*Art 110. **History of Costume.** (2) I .....

Its practical application to the development of original design in the study of form and function. Composition in black and white and color; techniques, backgrounds, and current trends. Pre-requisite: Art 24.

114A-B. **Techniques of Art.** (2-2) Yr. ....  
An application of the principles of design to wood and linoleum block printing, crafts, modeling and sculpture of small forms, illustration, or textile painting, in silk screen or stencil.

134A. **Landscape Painting.** (2) Mr. Kelly  
Prerequisites 14A-14B  
Medium: Watercolor.

144A. **Still-Life Painting** (2) Sister Ignatia  
Prerequisites 14A-14B  
Medium: Oil.

155. **Poster Design** (2) Mr. Kelly  
Prerequisites: 2A-2B-15  
Intensive study and practice of all forms of poster design.

164A-B. **Life Drawing.** (2-2) Yr. ....  
Objective drawing and expressive interpretation of the human figure; its use in original composition.

174A-B. **Advanced Painting, Drawing, and Composition.** (3-3) Yr. ....  
Sister Ignatia  
Further experience in composition and co-ordination of the principal factors entering into picture making. Technical studies of methods and materials. Indoor and outdoor problems in oil and water color.

\*199A-B. **Special Studies—Maximum units: (4-4)** ....  
Special studies, problems, or projects, under special faculty supervision. Open to Art Majors only, with B average.

330A-B. **Arts for the Elementary School.** (2-2) Yr. Sister Ignatia  
A study of the objectives of Art Education, theoretical and applied.

\*\* These courses are not given every year, but they are given in rotation, or when a sufficient enrollment justifies the forming of a class.

\* Not to be given in 1949-1950.

## DEPARTMENT OF BIOLOGICAL SCIENCES

Sister Mary Gerald

Sister Gertrude Joseph

Joseph A. Pollia

The department includes the divisional courses of study in Biology, Bacteriology, Botany, and Zoology.

Three programs of study leading to the bachelor's degree are offered by the department: (1) General Biology, planned for the teacher and for the liberal arts student who wishes to acquire a general understanding of the whole field of biology in all its relationships; (2) The Medical Technician with a major in Bacteriology; (3) Pre-Medical and research, with a major in Zoology.

### DIVISIONAL COURSES OF STUDY

#### BIOLOGY

**Preparation for the Major:** Bacteriology 1; Botany 11; Zoology 1A, and 1B or 35; a year of French, German or Spanish. (Biology 10 and 12 may be substituted for Zoology 1A and Zoology 1B respectively.)

**The Major:** Botany 106B; Zoology 112, 151, and eight units chosen from the following: Biology 103, Botany 152, Zoology 105, 106, 111, 118, 130.

**Additional Requirements for the General Secondary Teaching Credential:** Chemistry 1A, 1B; Physics 2A;

**Post Graduate Year:** Biology 370; 251A-251B; two units chosen from an upper division course listed above that is approved for graduate work; Education courses required for the General Secondary Teaching Credential.

#### LOWER DIVISION

**Biology 10-12 General Biology.** (3-3) I, II Sister Gertrude Joseph  
Lectures, two hours; laboratory and field work, three hours.

Course 10 is animal biology; course 12 deals with plant biology.

#### UPPER DIVISION

**103. Experimental Biology.** (1-3) I Sister Gertrude Joseph  
Lectures and reports on articles in scientific journals.

**\*195. Proseminar.** (2) II Staff  
Library Research.

**\*199A. Special Problems.** (2-4) I, II Dr. Pollia  
Prerequisite: The consent of the instructor.

**251A-251B. Seminar.** (2-2) I, II Staff  
Individual problems in Plant and Animal Ecology.

**Biology 370. The Teaching of Biology.** (2) I Staff  
Lesson presentation in the Life Sciences for the secondary level.

\* Not to be given in 1949-1950.

**BACTERIOLOGY**

**Medical Technology:** The curriculum prepares the student for positions in hospitals, public health departments, and physicians' laboratories.

**Preparation for the Major:** Bacteriology 1; Chemistry 1A, 1B; Physics 2A or high school Physics; Zoology 1A, 1B or 25, one year of modern foreign language.

**The Major:** Bacteriology 103, 105, 156; Zoology 111; and eight to twelve units selected from the following: Biology 195, 199; Botany 127; Chemistry 5A, 8A-8B, 107; Zoology 107, 123, 151.

**LOWER DIVISION**

1. **Fundamental Bacteriology.** (4) II Sister Gerald

Prerequisite: Chemistry 1A.

Lecture, two hours; laboratory, six hours.

Early history of bacteriology; effects of physical and chemical agencies upon bacteria; biochemical activities of bacteria; the bacteriology of the air, water, soil, milk and dairy products, other foods; industrial applications. The laboratory exercises include an introduction to bacteriological technique.

**UPPER DIVISION**

\*103. **Advanced Bacteriology.** (4) II

Prerequisite: Course 1.

The more advanced principles of the life, activities, growth and morphology of bacteria. The etiology of disease.

105. **Serology.** (4) I Sister Gerald

Prerequisite: Course 103.

Limited to twelve students.

The theory and practice of serological methods.

156. **Hematology.** (3) I Sister Gertrude Joseph

Prerequisite: Zoology 15 or equivalent.

Lectures, one hour; laboratory, six hours.

Study of the normal blood development and the common types of pathological conditions. Technique used in blood studies.

**BOTANY****LOWER DIVISION**

11. **California Trees.** (3) II Sister Gertrude Joseph

Lecture and demonstration, two hours; laboratory and field work, three hours.

**UPPER DIVISION**

\*106A-106B. **Morphology, Taxonomy and Physiology of Plants.** (4-4) I, II

Sister Gertrude Joseph

Lectures, two hours; laboratory and field work, six hours.

106A deals with cryptogams; 106B with Spermatophytes.

\* Not to be given in 1949-1950.

**\*127. Medical Mycology. (3-4) II**

Lecture, one hour; laboratory, six hours.

Prerequisite: Bacteriology 1 and permission of the instructor.

An introduction to the morphology, physiology, and taxonomy of the fungi which cause disease in man and domestic animals.

**152. Plant Ecology. (4) II Sister Gertrude Joseph**

Lectures two hours; laboratory and field work six hours.

Study of plant communities and their environmental relationships.

## ZOOLOGY

The major is designed for students who wish to concentrate their biological work in zoology or those desiring to follow a pre-medical curriculum. For the latter course each student should examine the particular requirements of the school of medicine she has chosen to attend. These requirements are not uniform.

Preparation for the Major: Zoology 1A-1B, 25; Chemistry 1A-1B; Bacteriology 1; French, German, or Spanish.

**Major:** Eighteen units of upper division work in Zoology and six units of upper division work chosen with the approval of the department from Zoology, Bacteriology, Botany, Chemistry, Home Economics, and Mathematics.

**Pre-Medical Curriculum:** Upper division courses should include Zoology 106, 111, 151, and twelve units chosen from the following: Zoology 105, 107, 112, 118, 130; Botany 127; Bacteriology 103, 105, 156; Chemistry 5A, 8A-8B, 107.

## LOWER DIVISION

**\*1A-1B. General Zoology. (4-4) I, II Sister Gerald**

Lectures, two hours; laboratory and field work six hours.

An introduction to the facts, principles, and relationship of animal biology with special reference to structure, function, and relationship of animal groups. Prerequisite: Chemistry 1A.

**15. Human Physiology. (5) II....Sister Gertrude Joseph.**

Lectures, three hours; laboratory, six hours.

Prerequisite: Chemistry 1A, or high school Chemistry.

The course is planned for nurses, dieticians, technicians, and majors in the department.

**25. General Human Anatomy. (3) I Sister Gertrude Joseph.**

Lectures, three hours; laboratory, four hours.

This course is planned for nurses, physical education, art, and biological majors.

## UPPER DIVISION

**\*105. Mammalian Embryology. (4) II Sister Gerald**

Prerequisite: course 1A-1B, 15, 35.

Lectures, two hours; laboratory, four hours.

A comparative survey of the development of pig and human embryos and the functions of the extra-embryonic membranes.

\* Not to be given in 1949-1950.

106. **Comparative Anatomy of the Vertebrates.** (4) I Sister Gerald  
Prerequisite: Courses 1A-1B, or equivalent.  
Lectures, two hours; laboratory, six hours.  
A study of the structural relationships of the vertebrates. Dissection of the elasmobranch, amphibian, and mammal.

\*107. **Animal Histology** (4) Sister Gerald  
Prerequisite: Zoology 25 or equivalent.  
Lectures, two hours; laboratory, six hours.  
A study of mammalian tissue.

\*111. **Parasitology.** (4) I .....  
Prerequisite: Zoology 1A or Biology 10.  
Lectures, two hours; laboratory, six hours.  
A course covering the field of morphology, habits and life history of animal parasites and their relation to diseases of man.

112. **Advanced Invertebrate Zoology.** (4) I Sister Gertrude Joseph  
Prerequisite: Course 1A. Course 1B is recommended.  
Lectures, two hours; laboratory and field, six hours.  
Morphology, habits, habitats, and life histories of both marine and fresh water invertebrates, with special reference to local faunas.

118. **Endocrinology.** (3) II Dr. Pollia  
Prerequisite: Course 15 or equivalent.  
Lectures and demonstration four hours.  
A study of the ductless glands.

\*123. **Microscopical Technique.** (2) Sister Gertrude Joseph  
The preparation of tissue for microscopical examination, and some practice in preparing micro-photographs.

\*125. **Advanced Mammalian Anatomy.** (3) Sister Gertrude Joseph  
Prerequisite: Zoology 1B or 25.

130. **Genetics.** (2) II Sister Gerald  
Lectures, two hours.  
A course in the fundamental laws of heredity.

151. **Advanced Human Physiology.** (4) II Sister Gerald  
Prerequisite: Course 15 or 1B.  
Lectures, three hours; laboratory, three hours.

\* Not to be given in 1949-1950.

## THE DEPARTMENT OF CANCER RESEARCH TRAINING

Joseph A. Pollia, M.D., F.A.P.C., Director

Sister Gertrude Joseph  
Sister M. Marguerite

Sister Ida  
M. Thurber

This course aims to familiarize the student with the fundamental procedures used in modern cancer research.

Two scholarships by the Frank H. Boyer Foundation make a fifth year available to qualified students in order to enable them to work on original problems.

### DIVISIONAL COURSES OF STUDY

**Preparation for the Major:** Bacteriology 1, Chemistry 1A-1B, Nutrition 32, Physics 2A-2B, Zoology 1A-1B.

**The Major:** 18 units from Cancer Research and 6 units chosen from related courses in Bacteriology, Biology, Chemistry, Nutrition, and Zoology.

### LOWER DIVISION

A lecture will be given in each of the following courses to show how they can assist the cancer program: Bacteriology, Botany, Chemistry, Nutrition, Physics and Zoology. Dr. Pollia

### UPPER DIVISION

100. **Care and Breeding of Animals.** (2) I M. Thurber

Prerequisite: Zoology 1B or 25, 130.

Lecture, one hour; laboratory, three hours.

Laboratory Animal Husbandry.

\*103. **Review of Current Literature for Cancer Data.** (1) Dr. Pollia

104. **Technique of Experimental Procedure.** (2) II Dr. Pollia

Lecture, two hours.

(a) Review of literature; (b) Listing materials and equipment;  
(c) Technique of experiment; (d) Recording of observations; (e)  
Conclusions; (f) Preparation of paper for publication.

108A-108B. **Experimental Production of Tumors.** (2-2) I, II

Prerequisite: Zoology 1B or 25 for 108A.

Prerequisite: Chemistry 8B for 108B.

Lecture, one hour; laboratory, three hours.

Sister Ida, Sister Gertrude Joseph

\*110. **Transplantation of Laboratory Animal Tumors.** (2) I M. Thurber

Prerequisite: C. R. 100.

Lecture, one hour; laboratory, three hours.

114. **Autopsy and Recording by Camera Technique of Experimental Data.**

(2) I Dr. Pollia, M. Thurber

Prerequisite: C. R. 100.

Lecture, one hour; laboratory, three hours.

\*123. **Microscopic Technique.** (2) II....Sister Gertrude Joseph  
Prerequisite: Zoology 1B or 25.  
Laboratory, six hours.  
Gross and microscopic preparation, fixation and staining of tissues.

140. **Natural History of Cancer** (Intrinsic and Extrinsic factors in Cancer Production). (2) II Dr. Pollia  
Lecture, two hours.  
A lecture course in the mortality of cancer throughout the world as to: (1) Location; (2) Race and age predisposition; (3) Incidence in relation to environment, habit, sex, etc.

175. **Feeding Factors in the Cancer Process.** (2-8) I, II  
Sister Marguerite  
Prerequisite: C. R. 100, HE 32, 118 or equivalent.  
Lecture, one hour; laboratory, three hours.  
This course deals with the effect of proteins, carbohydrates, fats, vitamins and minerals in the retardation or acceleration of tumor growth.

**FIFTH YEAR**

204. **Publication or Original Observations.** (4-4)

207. **Tissue Culture.** (4-4)

299. **Solution of an Original Problem in Cancer.** (4-4)

**SUGGESTED PROGRAM FOR CANCER RESEARCH TECHNICIANS****FIRST YEAR**

First Semester		Second Semester	
Religion 3A	2 units	Religion 3B	2 units
Philosophy 1A	2 "	Philosophy 1B	2 "
Chemistry 1A	3 "	Chemistry 1B	3 "
English 1A	3 "	English 1B	3 "
Physical Education 4A	½ "	History 1B	3 "
History 1A	3 "	Physical Education 4B	½ "
Language	3 "	Language	3 "

**SECOND YEAR**

First Semester		Second Semester	
Religion 4A	2 units	Religion 4B	2 units
Philosophy 6A	2 "	Philosophy 6B	2 "
Language	2 "	Bacteriology 1	4 "
Zoology 1A	4 "	Zoology 1B	4 "
Home Economics 32	3 "	History	2 "
Physical Education	½ "	English 46B	3 "
English 46A	3 "	Physical Education 8B	½ "
History	2 "		

## THIRD YEAR

First Semester		Second Semester	
Religion 102A	2 units	Religion 102B	2 units
Philosophy 106A	2 "	Philosophy 106B	2 "
Physics 2A	2 "	Physics 2B	2 "
Chemistry 8A	3 "	Chemistry 8B	3 "
Zoology 125	3 "	Zoology 151	5 "
Cancer Research 104	2 "	Cancer Research 108	2 "
Home Economics 118	2 "	Political Science 101	2 "
Cancer Research 175	2 "		

## FOURTH YEAR

First Semester		Second Semester	
Religion 103A	2 units	Religion 103B	2 units
Philosophy 100A	2 "	Philosophy 100B	2 "
Cancer Research 123	2 "	Zoology 118	2 "
Cancer Research 110	2 "	Chemistry 107	4 "
Cancer Research 114	2 "	Cancer Research 108	2 "
Cancer Research 108	2 "	Cancer Research 140	2 "
Genetics	2 "	Cancer Research 150	1 "
Cancer Research 175	2 "	Cancer Research 175	2 "

## Summer:

Cancer Research 100 (Summer after Soph.)—2 units  
 Cancer Research 175 (Summer after Soph.)—4 units

## FIFTH YEAR

Cancer Research—(4-4)  
 Cancer Research 204—(4-4)  
 Cancer Research 299—(4-4)

**DEPARTMENT OF CLASSICAL LANGUAGES**

Sister M. Dolorosa    Sister M. Germaine    Sister Rose de Lima

**Preparation for the Major**

Latin—required: four years of high school Latin, or two years of high school Latin and courses GA-GB, 3, 4, 6.

**THE MAJOR**

LATIN—Courses, 104A-B, 106, 120, 140, 141, 145, and six additional units in upper division courses. Also Greek 1A-B and Ancient Civilization, 101, 102. Recommended: Upper division courses in English, History; French, German, or Spanish.

**LATIN**

1-2. Elementary Latin. (3-3) Yr. Sister Rose de Lima

GA-GB. Latin Composition. (2-2) Yr. Sister M. Hortensia  
A general review of Latin Syntax.

3. Livy: Selection, Books 1, XXI-XXII. (3) I Sister Rose de Lima

4. Ecclesiastical Latin-Selections. (3) I Sister M. Dolorosa

5. Horace: Odes and Epodes. (2) II Sister Rose de Lima

6. Cicero and Pliny; Cato Major; Selected Letters. (3) II  
Sister M. Dolorosa

7. Roman Comedy. (3) I Sister Rose de Lima

**UPPER DIVISION**104A-B. Latin Composition. (2-2) I, II Sister M. Dolorosa  
Required of all majors in the department.106. Tacitus: Germania and Agricola and Selections from the Annales. (3) I  
Sister M. Germaine\*120. Horace, Juvenal and Martial. (3) II Sister M. Dolorosa  
A study of Roman life and customs.

125. Seneca: Selected Readings. (2) S. Sister M. Dolorosa

126. Ovid: Fasti, Metamorphoses. (2) I Sister M. Germaine

\*127. Virgil: Aeneid, Bks. VII-XII. (2) II Sister M. Germaine

140. Virgil: Eclogues, Georgics, Aeneid Selections. (3) II  
Sister M. Dolorosa  
A study of style and of Virgil's literary influence.\*141. History of Latin Literature. (2) I Sister M. Dolorosa  
Lectures with collateral reading. Required of majors in the department.

\* Not to be given in 1949-1950.

145. **St. Augustine, Confessions.** (2) I Sister M. Germaine

\*200. **History of Classical Scholarship, Bibliography and Methodology.** (2) I

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202. **Cicero's Philosophical Works.** (2) I Sister M. Dolorosa

\*\*253. **Seminar in Latin Studies.** (2) II Sister M. Dolorosa

\*\*370. **The Teaching of Latin.** (3) I Sister M. Germaine

#### **ANCIENT CIVILIZATIONS**

100. **A Survey of Greek Civilization.** (2) I Sister M. Dolorosa

101. **A Survey of Roman Civilization.** (2) II Sister M. Dolorosa

A candidate for admission to graduate courses in Latin must have met the requirements for an undergraduate major in Latin, or make up any deficiency without credit toward graduate residence.

\*\* Required of students preparing for teaching credential.

#### **GREEK**

##### **LOWER DIVISION**

1A-1B. **Greek for Beginners.** (3-3) Yr. Sister M. Dolorosa

A study of forms and syntax.

5A-5B. **Attic Prose.** (2-2) Yr. Sister M. Dolorosa

##### **UPPER DIVISION**

\*100C-100D. **Prose Composition.** (2-2) Yr. Sister M. Dolorosa

\*101. **Homer.** (2) I Sister M. Dolorosa

The Iliad I-II. Lectures on Homeric life and antiquities.

\* Not to be given in 1949-1950.

## DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION

Walter Polner

Mrs. E. M. Keithley      Sister Regina Joseph      Sister St. Francis

### BUSINESS ADMINISTRATION

The courses offered in Business Administration prepare students for administrative positions in industry, commerce, and public service as well as for secretarial positions. The credits earned in the department of Business Administration may be applied to a B.A. degree with a major in Economics.

#### LOWER DIVISION

##### 1A-1B. Principles of Accounting. (3-3) Yr. Mrs. Keithley

A study of the principles of accounting and methods of modern accounting practices as applied to the proprietorship; classification of accounts for a partnership; corporation accounting.

##### 3A-3B. Secretarial Training. (2-2) Yr. Mrs. Keithley

A study of typewriting in which the foundation is laid for the development of a thorough understanding of the various types of office problems as well as the development of speed and accuracy.

##### 4A-4B. Secretarial Training. (3-3) Yr. Mrs. Keithley

A study of the principles of shorthand and the development of the various techniques used in building speed and accuracy in writing and reading shorthand from dictation.

#### UPPER DIVISION

##### 115. Business Law. (3) II Mrs. Keithley

A study of law in its relationship to business. Essentials of the law of contracts, sales, agency, negotiable instruments.

##### 150. Business Correspondence. (2) I Mrs. Keithley

Designed to give the student facility in the use of the English language in the writing of effective business letters and reports.

##### 151A-151B. Applied Secretarial Practice. (3-3) Yr. Mrs. Keithley

This course is designed to develop expert skill and ability in transcription with special emphasis on technical dictation and the editing of dictated letters and reports.

##### 152. Secretarial Problems. (3) II Mrs. Keithley

Designed to develop skill and ability in preparing the various types of office problems including statistical reports, legal forms, rough drafts, and tabulation. A study of the various types of filing systems is included.

##### 153. Personnel Management. (3) I Sister Regina Joseph

A study of the administration of human relations in industry; the development of employment relations; problems and methods of selecting and placing personnel; problems and methods of labor maintenance; the criteria of effective personnel management.

**154. Office Organization and Management.** (3) II Sister Regina Joseph  
 Analysis of functions of various office departments, their organization and management. Methods used in selecting and training office personnel; office planning and layout; selection and care of office supplies and equipment; methods and devices used to improve operating efficiency; types and uses of office appliances; techniques for performing office duties.

**160A-160B. Advanced Accounting.** (3-3) Yr. Mrs. Keithley

Corporation accounting theory and analysis of balance sheets and profit and loss statements; accounting problems in liquidation and consolidation.

**180. Elements of Marketing.** (3) I Mrs. Keithley

A survey designed to give a basic understanding of the methods, institutions, and practices. The problems of retailing, wholesaling, co-operative marketing, pricing, and marketing costs are defined from the standpoint of the consumer, the middleman and the manufacturer.

## ECONOMICS

**Preparation for Major.**—Economics 1A-1B; Business Administration 1A; Economics 40.

**The Major.**—Twenty-four units of upper division courses including Economics or 105; electives may be taken from Business Administration.

### LOWER DIVISION

**1A-1B. Principles of Economics.** (3-3) Yr. Sister Regina Joseph

The general field of economics, e.g., production, distribution, exchange, banking, international trade.

**\*20. Economic Geography.** (3) II Sister Regina Joseph

Description of the earth as the abode of man. Nations of the world and their characteristics; the land and the people. Principal centers of population and their aspects.

**\*35. Consumer Economics.** (3) I Sister Regina Joseph

A course designed to introduce students to principles and problems relating to the effective and intelligent use of income.

**40. Economic and Social Statistics.** (3) I Sister Regina Joseph

An introduction to methods of analyzing economic and statistical data, with emphasis on analysis.

### UPPER DIVISION

**\*101. Principles of Economics.** (3) I Sister Regina Joseph

A study of the principles of economics with application to current problems.

\* Not to be given in 1949-1950.

**105. History of Economic Thought. (3) I Sister Regina Joseph**

A critical account of the development of economic thought up to the present time with special attention to the encyclicals.

**\*106. Economic Reform. (3) II Sister Regina Joseph**

A study of the Utopias that have influenced economic thought from Plato's **Republic** to the present time.

**107. Comparative Economic Systems. (3) II Sister Regina Joseph**

The concepts and agencies of economic and social progress; an analysis of the theories and programs of modern reform movements.

**\*110. Economic and Social Development of England. (3) I**

Sister St. Francis

A consideration of the economic and social factors in the development of England from 1600 to 1946.

**\*111. Economic and Social Development of the United States. (3) II**

Sister St. Francis

A general background of present-day economic and social activities. The development of agricultural, commercial and industrial institutions.

**\*115. Standards of Living. (3) II Sister Regina Joseph**

American standards of living and culture; budget making; economics of consumption; ideal standard of living.

**131. Public Finance. (2) II Mr. Polner****140. Economic and Social Statistics. (2) I Sister Rose Gertrude****150. Labor Economics. (2) I Sister Regina Joseph**

Problems of the laborer and the employer. Social background of labor legislation and trade unionism with special emphasis on wages, hours and working conditions.

**152. Social Insurance. (2) II Mr. Polner**

Development of the social security program covering workmen's compensation, unemployment insurance, old age and survivors insurance and sickness and disability insurance.

**155A-155B. International Economic and Social Problems. (2-2) Yr.**

Sister St. Francis

International aspects of economic and social problems.

**171A-171B. Problems of Corporate Economic Society (2-2) Yr.**

Mr. Polner

**199. Selected Economic Problems. (3) Sister Regina Joseph**

\* Not to be given in 1949-1950.

## DEPARTMENT OF EDUCATION

Sister M. Hortensia

Miss Frances Sweeney

Sister Rose de Lima

The Department of Education of Mount Saint Mary's College has offered since September 1929 professional curricula leading to certification by the California State Board of Education for teaching services in public and private schools. Both lay and religious students are recommended by the College upon completion of one of the curricula to the State Board for a corresponding credential. Curricula are offered which satisfy the requirements for the following credentials: General Elementary, General Secondary, Special Secondary in Music.

Provision is made for lay students to fulfill the course in supervised teaching in the public schools of the City of Los Angeles. Students working toward the elementary credential have their cadet teaching in the Brentwood Elementary School, and those working toward the secondary credentials have theirs in the Hamilton High School.

Credential requirements for all certificates:

1. Citizenship
2. Bachelor's Degree
  - a. Candidates for general elementary credential must select for a major subject one that is a teaching subject in the elementary school; the minor should also be chosen from such subjects with the addition that Spanish is acceptable, since it is taught in the elementary schools of the Southwest.
  - b. Candidates for General Secondary Credential are advised to select their major and minor subjects from fields which are related for the curriculum and activities of the secondary school.
3. Health Certificate: form supplied by the College in accord with the requirements of the State Board of Education.
4. Mastery of English: no recommendation will be granted to a student markedly deficient in the ability to use the English language **correctly and effectively**.
5. Professional Fitness: Mount Saint Mary's College reserves the right to withhold recommendation from candidates who have failed to give evidence of sufficient personal fitness for public school teaching.
6. Oath of Allegiance: the State Department requires each applicant for a credential to take an oath of allegiance to the Constitution of the United States and the Constitution of the State of California, the form for which is on the blanks obtained at the College.
7. American Institutions: a knowledge of the principles and provisions of the Constitution of the United States is required for a certificate of completion leading to any general teaching credential.
8. Residence: the final 12 units for all credentials must be completed in regular sessions at Mount Saint Mary's College.

**CURRICULA REQUIREMENTS FOR EACH CREDENTIAL**  
**GENERAL ELEMENTARY**

Prospective candidates for the general elementary credential are urged to consult the adviser in the Department of Education before filing study cards each term during the freshman and sophomore years.

**Requirements.**—A.B. Degree; specified Education courses; specified Professional courses.

**The Major.**—The candidate for the general elementary credential may fulfil the requirement for the degree in a major field of study in one of three ways:

1. A departmental major chosen from the following list: Art, English, History, Home Economics, Mathematics, Music, Social Sciences.
2. A candidate presenting a major not included in the above list must complete two 12 unit sequences each of which must consist of courses appropriate to the elementary school curriculum. This requirement may be met in the lower division but English 1A-1B is not acceptable as part of an English sequence.
3. Completion of an acceptable general major consisting of not less than 36 upper division units selected from the Arts and Science List of Courses; these units to be chosen from three departments, with not more than 15 units nor less than 6 units in any one department. The following combinations are accepted as providing a satisfactory background for teaching the elementary school.

**Acceptable general majors:**

Education, English and Speech, History  
Education, English and Speech, Mathematics  
Education, English and Speech and either Art, or Music  
Education, History, Mathematics  
Education, History and either Art or Music.

**Education Courses:**

Education 100 (3)  
Education 101A, or 101B (3), or 102, (2)  
Education 111 (2)  
Education 119 (2)  
Education 330A-330B (6)  
Education E335A-E335B (4-4)  
Education 147 (2)

**Note:** A grade point average of 1.7 or better should be maintained by all candidates for teaching credentials.

**Professional and Preparatory Courses:**

Art 42 (3); 330A-B (2-2)	Political Science 101 (2) or 113 (3) or
English 1A-1B (3-3); 306 (2)	History 171A-B (2-2)
Music 3 (3); 330A-B (2-2)	Zoology 1A or 10 (3) or Botany 12 (3)
History 7A or 7B (3-3) 8A or 8B (3-3)	Geography 1 or 3 (3)
Mathematics 38 (2)	Public Speaking 2A or 2B (2); 122 (2); 111 or 155 or 156 (2)
Physical Education 4A-4B or 8A-8B (1); 44 (2); 171 (2)	Psychology 6A-6B (2-2)

**GENERAL SECONDARY CREDENTIAL**

- I. A. B. Degree. The major and minor should be related to the curriculum and activities of the secondary school. If the student has not selected a teaching major, the curriculum requirements may be met by completing two teaching minors, provided that a minimum of 6 units of graduate courses is completed in the major.

**II. Postgraduate Program:**

1. A year of work in regular graduate status comprising not less than 30 units of approved upper division and graduate courses. At least one half of the postgraduate work shall be in courses accepted toward a higher degree. At least the last 12 units must be taken in residence at Mount Saint Mary's College.
2. Completion of 20 semester units of courses in education as follows:
  - a. Education 170 (2)
  - b. Education 147 (2)
  - c. 6 units chosen from Education 101A-B, 102, 110, 112, 116, 117, 119, 181.
  - d. Education 370 (3) and G377 (6)
  - e. Education 270A-B (4)

Note: Students may complete 6 units from list c in the junior year.

3. Completion of:
  - a. Major: 6 units of graduate and upper division courses in the teaching major.
  - b. Minor: 20 units in a teaching minor, of which 6 units must be upper division, providing that this requirement was not fulfilled previous to obtaining the A.B. degree.
4. Courses in teaching of major subject (2)
5. A scholastic average of 2.0 or better must be maintained for the entire postgraduate program.

\* Not to be given in 1949-1950.

**SPECIAL SECONDARY IN MUSIC**

Requirements.—A.B. Degree with major in music, or B. M. Degree; specified education courses.

Education courses.—18 units of courses approved by the Department of Education including:

a. Music 370 (3); 376 (6) Education 170	b. Electives chosen from: Education 100, 101A-101B, 102, 106, 112, 180.
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**UPPER DIVISION COURSES**

**100. Education Psychology. (3) I Sister M. Hortensia**

A study of the nature of mental changes and the conditions associated with them; designed to equip the student to think about and analyze educational problems psychologically.

**101A. History of Education. (3) I Sister M. Hortensia**

The evolution of educational ideals and practices with a major emphasis on their contributions to the present day educational thought and interpretation.

**101B. Philosophy of Education. (3) II Sister M. Hortensia**

The fundamental principles underlying education and educational trends are analyzed. Christian philosophy is used as a criterion for evaluating modern educational theory and practice.

**\*102. History of American Education. (2) S. Sister M. Hortensia**

A critical study of the foundations of the major school systems of the United States; their leaders, organizations, and curricula.

**\*103. History of Catholic Education in the United States. (2) S.**

**Sister M. Hortensia**

A study of the foundation of the Catholic school system in America and its development from Colonial times to the present day.

A critical analysis of the assumptions underlying education in a democratic social order.

**111. Growth and Development of the Child. (2) II Sister M. Hortensia**

A unified picture of the behavior to be expected of the child of a given age based upon physical, mental, social and moral growth and development of the child.

\* Not to be given in 1949-1950.

**\*112. Psychology of Adolescence. (2) I Sister M. Hortensia**

Principles of adolescent training and guidance emanating from a Christian interpretation of the reliable data of experimental knowledge as well as the fundamental principles of Catholic philosophy.

**\*116. The Exceptional Child. (2) II Sister Rose de Lima**

Prerequisite: Psychology 1A and Educ. 110.

A psychological study of the intellectually superior and the mentally inferior child, the physically handicapped, and the delinquent with educational and sociological applications.

**\*\*117. Psychology of Secondary School Subjects. (2) II Sister Rose de Lima**

A psychological analysis of the various subjects of the high school curriculum with particular attention to the findings of experimental psychology.

**119. Educational Measurement. (2) II Sister Rose de Lima**

Evaluation of available standard measurements; simple statistical procedures for scoring and tabulation; the construction of valid objective tests.

**147. Audio Visual Education. (2) I Miss Sweeney**

Acquaints the students with the use of audio visual material and stresses the principles underlying their use.

**164. Counseling and Guidance. (2) Sister M. Hortensia**

A course designed to study the principles, techniques and materials of counseling.

**\*\*170. Secondary Education. (2) II Sister M. Hortensia**

Objectives, curricula, and functions of the secondary school in relation to individual and social needs.

**\*\*180. Social and Civic Foundation of Education. (2) I .....**

Analysis of current educational practices in light of modern social needs, and the place of education in social evolution.

**200A-200B. Seminar: An integrated study of cultural trends in the fine arts. (2-2) Yr. Sister M. Celestine and Sister M. Ignatia****270A-270B. Seminar in Secondary Education. (2-2) Yr. Miss Sweeney**

In this seminar opportunity is afforded for the study of various problems in Secondary Education which are determined by joint consideration of students and instructor. Readings, study, research, observations and analysis of problems will be used as basic methods. Students may select individual problems for intensive study.

**\*272. Seminar: The High School Curriculum. (2) II Sister Rose de Lima**

Prerequisite: 170.

**\*\* Prerequisite: 100**

\* Not to be given in 1949-1950.

## SUPERVISED TEACHING

## Preparatory Courses:

**330A-B. Introduction to Elementary Teaching.** (2-4) Yr. Miss Sweeney  
Prerequisite: 110, 111, 6 units of Education courses completed, and a B average or better for all work taken at Mount Saint Mary's College. This course should precede by one term the course in supervised teaching.

An intensive study of the principles of teaching made effective by assigned reading, observation, participation, analysis of teaching problems, and preparation of units of work.

**S330. A Refresher Course.** (2) Sister M. Hortensia

For inservice teachers and those teaching on emergency credentials.

**G370. Introduction to Secondary Teaching.** (3) I Miss Sweeney

Prerequisite: Regular graduate status; course 170, and one of 101A, 101B, 102, 106, 112, 180.

A basic course required of all candidates for the General Secondary Credential. In this course the students are introduced to the various problems associated with secondary school instruction. The course includes directed observation related to specific procedures under discussion in the course. It is recommended that this course be taken in the fall semester of the post-graduate year.

**M370. Music in Education.** (3) S. ....

Study of problems in music education from pre-school to adult level; psychology of school music teaching; directed observation; planning curriculum and material suitable for each level; correlation of music and other subjects, stressing the creative and integrating approach.

## SUPERVISED TEACHING

**E335A-E335B. Supervised Teaching: Elementary.** (4-4) I

Miss Sweeney and Brentwood School Faculty

Prerequisite: Senior standing, Physical Education 330, Education 330. Required of all candidates for the General Elementary Credential.

Participation and practice in working with and instructing children in the elementary school. Experience is given on different grade levels. Conferences with teachers and supervisor accompany this work. Eight semester units of credit in supervised teaching are required for the California Elementary credential.

**M376. Supervised Teaching: Music.** (6) II ....

Prerequisites: Senior standing, course 170, Music 370A-370B (3-3).

Required of all candidates for the Special Secondary in Music.

**G377. Supervised Teaching: General Secondary.** (4) II

Miss Sweeney and Hamilton High School Faculty

Prerequisite: Regular graduate status; courses 170, 370.

Consists of participation in the instructional activities of one high school class for one term, and required conferences.

\* Not to be given in 1949-1950.

## DEPARTMENT OF ENGLISH

Sister M. Germaine

Mr. Robert Garrick Sister Marie de Lourdes

Sister Mary Patricia

Entering students take an examination in the fundamentals of English grammar and composition. Those who fail take the course in Subject A before entrance into any course in English or public speaking.

**Preparation for Major.**—Courses 1A-1B and 46A-46B.

**The Major.**—The program comprises 24 units of upper division courses including English 106; 117J; 130A-130B; 151L; one of the Type courses; two of the Age courses. An average grade of C must be maintained in all English courses. A comprehensive final examination is given at the end of the senior year.

**The Minor.**—English 1A-1B; 46A-46B; 31 or 106; 130A-130B.

## ENGLISH

### LOWER DIVISION

**Subject A. Essentials of Grammar and Composition.** (No credit)

Required of all students who fail the entrance examination in English. Must be passed before entrance into any course in English.

**1A-1B. Freshman Composition.** (3-3) Yr. Sister Mary Patricia

Introductory course. Required for graduation and prerequisite to all other courses in English.

**33A-33B. English for Foreign Students.** (no credit) I, II

Sister Mary Patricia

**46A-46B. Survey of English Literature, 1500-1900.** (3-3) Yr.

Sister Marie de Lourdes

### UPPER DIVISION

**106A-106B. Creative Writing.** (2-2) Yr. Sister Marie de Lourdes

Advanced course in creative writing, including instruction in the writing of essays, short stories, and poetry.

**106C-106D. Advanced Creative Writing.** (2-2) Yr. Sister Marie de Lourdes

Continuation of English 106A-106B for advanced students only. Chief emphasis on critical reading and writing.

**\*110. Introduction to the English Language.** (2) I Sister Mary Patricia

**\*114A-114B. The Development of the English Drama.** (3-3) Yr. ....

The history of English drama from the beginning to the present.

**116. The Bible as Literature.** (3) II Sister M. Dolorosa

(given alternate years)

**117J,K. Shakespeare.** (3-3) I, II....Sister M. Germaine

\* Not to be given in 1949-1950.

125. **The English Novel.** (2) I Sister Marie de Lourdes  
The history of the development of the English novel to the present time.

\*126. **The Short Story.** (2) II Sister Marie de Lourdes

130A-130B. **American Literature.** (3-3) Yr. Sister Marie de Lourdes  
A survey of American literature. 130A: Beginning to 1860; 130B: 1860 to the present.

\*136. **Modern Catholic Writers.** (2) S. Sister Marie de Lourdes

137. **World Literature.** (2) I Sister Marie de Lourdes  
A survey of World Literature exclusive of English and American Literature.

\*151L. **Chaucer.** (2) II Sister M. Germaine  
A one-semester course covering the life and times of Chaucer; readings principally in The Canterbury Tales; brief introduction to Middle English grammar and literature.

\*153. **The Study of Poetry.** (2) I Sister Marie de Lourdes

\*156. **The Sixteenth Century.** (3) I Sister M. Germaine  
A survey of the historical background and literature of the English Renaissance, excluding Shakespeare.

157. **The Seventeenth Century.** (3) I Sister M. Germaine  
A survey of the historical background and literature of the century, with chief emphasis upon Milton and Dryden.

\*167. **The Eighteenth Century.** (3) I Sister Marie de Lourdes  
A survey of the historical background and literature of the century, with chief emphasis upon Pope and Johnson.

\*177. **The Romantic Period.** (3) II Sister Marie de Lourdes  
A study of the development of Romanticism in English literature in the first part of the Nineteenth Century. Covers both prose and poetry from 1784-1832.

187. **The Victorian Period.** (3) I Sister Marie de Lourdes  
A study of the prose and poetry of the second part of the Nineteenth Century from 1832-1892.

190. **Contemporary Literature.** (2) II Sister Marie de Lourdes  
A survey of English and American literature since 1890.

200. **Bibliography.** (1) II Sister M. Germaine  
Aids to bibliographical research; typical exercises and practical training in the bibliography of literary study, historical and critical.

201. **Reading Course.** (2) S. Sister Marie de Lourdes  
Reading in limited fields, with a report.

215 **English Literature in the 17th Century.** (3) II  
Sister Marie de Lourdes  
An intensive study of late Renaissance writers.

\*230. **American Literature from 1850.** (3) II Sister Marie de Lourdes  
A study of Realism, emphasizing Henry James and William Dean Howells.

\* Not to be given in 1949-1950.

306. **Children's Literature.** (2) S. Sister M. Hortensia

May be counted as part of the units in education required for the elementary credential. Survey of recent publications in the field, with suggestions regarding selection and presentation.

370. **The Teaching of English.** (2) I Sister Marie de Lourdes

Required of candidates for the General Secondary Credential in English.

## JOURNALISM

31A-31B. **Journalism.** (2-2) Yr. Mr. Garrick

A fundamental course in news writing and principles of journalism.

### UPPER DIVISION

100. **History of American Journalism.** (2) II Mr. Garrick

American Journalism from its importation from England to World War II.

131. **Advanced Journalism** (2) I Mr. Garrick

Techniques of copy reading and headline writing; discussion of newspaper editorial practices; theories of news selection and make-up; practices in writing and editing college paper.

## DEPARTMENT OF HOME ECONOMICS

Mrs. Inez Comeau      Dr. Joseph A. Pollia      Sister M. Marguerite

Home Economics includes the application of the principles of science and art to family and institution life. The interest of the individual student determines the selection of the subject matter. Two majors are offered in the department.

**A. The General Major** in Home Economics for students working toward the general elementary teaching credential, or for those who wish home economics as a background for homemaking.

**Preparation for the Major:** H. E. 1A-1B, 11A-11B, 12, 36 for homemaking; Art 2A-2B, 42 for teachers' credentials; Geography 1 or 3; Biology 12 or Zoology 1A or 10.

**The Major:** H. E. 108, 121, 143, 150, 175; Sociology 104. Additional units to total 24 units selected from the following; H. E. 118, 120, 125, 136A-136B, 199, and from other departments that are closely related.

**B. The Dietetics Major** for the students preparing for dietetic internship. On the completion of her college course, the student must spend one year in a hospital approved by the American Dietetic Association.

**Preparation for the Major:** H. E. 11A-11B, 32; Bacteriology 1; Zoology 16; Chemistry 1A-1B, 8A, 107; Philosophy 6A-6B; Econ. 101 or Soc. 101.

**The Major:** H. E. 111, 118, 120, 125, 136A-136B, 150; Ed. 100, 370. Additional courses to total 24 units selected from the following: H. E. 143, 199, and from courses offered by other departments that are closely related to Home Economics.

### LOWER DIVISION

**1A. Elementary Clothing.** (3) I Mrs. Comeau

Fundamental problems of clothing construction, including the use of commercial patterns and the selection, care and use of equipment.

**1B. Elementary Clothing.** (3) II Mrs. Comeau

Prerequisite: 1A

Problems involved in clothing and textile buying. Selection of suitable textiles and designs.

**11A. Elementary Food.** (3) I Sister M. Marguerite

The classification, occurrence and general properties of foodstuffs; the principles involved in food preparation and preservation; compilation of recipes; practice in judging food preparations.

**11B. Food Economics.** (3) II Sister M. Marguerite

The production, transportation, and marketing of food materials; prices in relation to grades and standards.

**\*\*12. Selection of House Furnishings and Interior Decoration.** (2)

Mrs. Comeau

A study of domestic architecture, floor plans, furniture selection and arrangement. Suitable materials for floor coverings, wall decorations, curtains, draperies and upholstery.

\*\* Given in alternate years.

**\*\*32. Elements of Nutrition. (3) II Sister M. Marguerite**

The principles of nutrition and their application in normal and sub-normal conditions of growth and physical development.

**\*\*36. Home Management. (3) II Mrs. Comeau**

Analysis of home-making activities. Organization of labor in the home, budgeting of income and time. Planning for leisure and education.

**UPPER DIVISION****\*108. Textiles. (2) I Mrs. Comeau**

A study of chemical and physical properties of textile materials with opportunity to apply textile analysis to problems in retail buying.

**110. Food Composition. (3) II Sister M. Marguerite**

Detailed study of the proximate principles, the inorganic constituents, and the vitamins with reference to their occurrence in the different food material, their chemical properties and their nutritive values.

**\*\*111. Institutional Accounting. (3) II Sister M. Marguerite**

Fundamental principles of accounting with emphasis on records and business forms used in institutional management. Open only to Home Economic students.

**118. Nutrition. (2) I Sister M. Marguerite**

The chemistry of digestion and the metabolism of carbohydrates, fats and proteins; a study of minerals and vitamins in relation to human nutrition.

**120. Diet in Health and Disease. (3) I Sister M. Marguerite**

Human requirements for dietary essentials for infancy, childhood, adult life; dietary calculations; modifications of normal diet for specific diseases.

**\*\*121. Advanced Interior Decoration. (2) Mrs. Comeau**

Floor plans and furnishing. Emphasis on harmonious selection of furnishings and clarity of their representations.

**\*\*125. Experimental Cookery. (2) II Sister M. Marguerite**

Quantitative methods in food preparation under controlled conditions.

**\*\*136A-136B. Institution Economics. (3-3) Yr. Sister M. Marguerite**

The economics principles and problems in the organization and administration of institution households such as residence halls, hotels, hospitals, and school lunchrooms.

**143. Child Care. (2) I Sister M. Marguerite**

Physical development of children through adolescent life.

**150. Family Food Service. (3) II Sister M. Marguerite**

Organization and management of family food service at different economics levels. Emphasis is placed on menu planning, meal service and the use and care of kitchen and dining equipment.

**175. Dress Design. (3) II Mrs. Comeau**

A study of individual design problems.

**199A-199B. Special Problems. (2-4) 2-4) Sister M. Marguerite, Dr. Pollia**

Individual problems involving original research in the field of concentration.

\*\*Given in alternate years.

\* Not to be given in 1949-1950.

## DEPARTMENT OF MATHEMATICS

Sister M. Hortensia

Sister Rose Gertrude

**Preparation for the Major.**—Required: Mathematics C, 1, 3A, 3B, 4A; Physics 2A-2B, 3A-3B with an average grade of at least C.

**The Major.**—Required: Twenty-four units of upper division courses including Mathematics 100, 102, 108, 119. An average grade of at least C must be maintained in all upper division courses.

### LOWER DIVISION

**C. Trigonometry. (3) II** Sister Rose Gertrude

Prerequisite: Plane geometry and one and one-half years of high school algebra or Mathematics D.

Trigonometric functions, solution of triangles, logarithms, identities and conditional equations, polar coordinates, inverse trigonometric functions, graphs, spherical right triangles.

**D. Intermediate Algebra. (3) I** Sister Rose Gertrude

Prerequisite: One year of high school algebra and plane geometry.

Review of the fundamental laws and operations, linear and quadratic equations, systems of linear equations, determinants, graphs, ratio and proportion, progressions, binomial theorem, permutations and combinations.

**1. College Algebra. (3) I** Sister Rose Gertrude

Prerequisite: One and one-half years of high school algebra or Mathematics D, trigonometry or Mathematics C concurrently.

Advanced quadratic equations, systems of linear and quadratic equations, determinants, mathematical induction, binomial theorem, complex numbers, ratio, proportion and variation, progressions, exponential and logarithmic equations, permutations and combinations, probability, topics from theory of equations.

**3A. Plane Analytic Geometry. (3) II** Sister Rose Gertrude

Prerequisite: Mathematics C, 1.

The analytic geometry of the straight line, the circle, and the conic sections, polar coordinates, examples of higher loci, transformation of coordinates, parametric equations, curve fitting.

**3B. First Course in Calculus. (3) I** Sister Rose Gertrude

Prerequisite: Mathematics 3A.

Differentiation of algebraic and transcendental functions with applications, differentials, the law of the mean.

**4A. Second Course in Calculus. (3) II** Sister Rose Gertrude

Prerequisite: Mathematics 3B.

Integration of standard elementary forms, the definite integral, geometric and physical applications.

## 15A-15B. Elementary Mathematics for Science Students. (3-3) Yr.

Sister Rose Gertrude

Prerequisite: One year of high school algebra and plane geometry.

Essentials of algebra, trigonometry, and plane analytic geometry.

Not open to majors in mathematics.

## 38. Fundamentals of Arithmetic. (2) I Sister M. Hortensia

Review of arithmetic with emphasis upon methods of teaching.

**UPPER DIVISION**

## \*100. College Geometry. (3) I Sister Rose Gertrude

Prerequisite: Mathematics 3A.

Homothetic figures, properties of the triangle, harmonic properties, systems of circles, inversion.

## 102. Third Course in Calculus. (3) I Sister Rose Gertrude

Prerequisite: Mathematics 4A.

Solid analytic geometry, partial differentiation, series, expansion of functions, multiple integration.

## 108. Theory of Algebraic Equations. (3) I Sister Rose Gertrude

Prerequisite: Mathematics 4A.

Complex numbers, theorems on roots, constructions with ruler and compass, cubic and quartic equations, determinants, eliminants.

## 112. Synthetic Projective Geometry. (3) II Sister Rose Gertrude

Prerequisite: Mathematics 4A.

The principle of duality, perspectivity, harmonic sets, double ratio, projectivity theorem, Pascal's theorem and Brianchon's theorem, pole and polar theory, metric properties of conics.

## 113. Statistics. (3) I Sister Rose Gertrude

Prerequisite: Mathematics 4A.

Frequency distributions, graphical representations, dispersion, normal curve, curve fitting, correlation theory, probability and statistical theory.

## 115. The Theory of Numbers. (3) II Sister Rose Gertrude

Prerequisite: Mathematics 108.

Number systems, divisibility, congruences.

## 119. Differential Equations. (3) II Sister Rose Gertrude

Prerequisite: Mathematics 102.

Solution of ordinary differential equations, applications to geometry and physics.

## \*128. Numerical Analysis. (3) II Sister Rose Gertrude

Prerequisite: Mathematics 102, 108.

Approximate calculations, interpolation, numerical differentiation and integration, solution of numerical algebraic and transcendental equations, empirical formulas.

\* Not to be given in 1949-1950.

# DEPARTMENT OF MODERN LANGUAGES

Sister Eloise Therese

Mrs. Charlotte Friedlander

Miss Alice Hubbard

**Preparation for Major.**—Students who wish to make a modern language their major subject must have maintained at least an average grade of B in the college courses in modern languages taken prior to admission to the upper division. A minimum of two years of high school Latin is recommended before taking up the study of a modern language. Only students who pronounce the modern language correctly and read it fluently will be admitted to upper division courses. Students transferring from other institutions may be tested by oral examinations.

**The Major.**—Required: Twenty-four units of upper division courses. Students who fail to maintain at least an average grade of B in the modern language courses taken in the upper division will, upon the approval of the Dean, be excluded from the major in a modern language.

The department recommends as a supplementary choice among the free electives: (1) The history of the country or countries most intimately connected with the major; (2) additional study in English, French, German, Italian, or Spanish literature and language; (3) the history of philosophy; (4) additional study in some courses of the fine arts and music.

## FRENCH

**Preparation for Major.—French 1, 2, 3, 4, or equivalent; 42A-42B.**

**The Major.**—Twenty-four units of upper division courses including 101A-101B; 109A-109B; 114A-114B; 120A-120B.

## LOWER DIVISION

1. **Elementary French.** (3) I Mrs. Friedlander, Sister Eloise Therese  
The course covers first two years of high-school French.
2. **Elementary French.** (3) II Mrs. Friedlander, Sister Eloise Therese.  
Prerequisite: Course 1 or two years of high-school French.
3. **Intermediate French.** (3) I Mrs. Friedlander, Miss Hubard  
Prerequisite: Course 2 or three years of high-school French.
4. **Intermediate French.** (3) II Mrs. Friedlander, Miss Hubbard  
Prerequisite: Course 3 or four years of high-school French.
- 8A-8B. **French Conversation.** (1-1) Yr. Mrs. Friedlander  
Open to students who have completed course 2 or its equivalent with  
grade of A or B.
- 25A-25B. **Advanced French.** (3-3) Yr. Miss Hubard  
Prerequisite: Course 4 or its equivalent.
- \***42A-42B. History of French Culture and Civilization.** (2-2) Yr.  
Sister Eloise Therese

\* Not to be given in 1949-1950.

Sister Eloise Therese

## UPPER DIVISION

\*101A-101B. French Composition, Oral and Written. (3-3) Yr. Sister Eloise Therese

\*109A-109B. Survey of French Literature. (3-3) Yr. Sister Eloise Therese

\*114A-114B. Contemporary French Literature. (2-2) Yr. Mrs. Friedlander

\*120A-120B. Seventeenth Century French Literature. (2-2) Yr. Mrs. Friedlander

121A-121B. The Eighteenth Century. (2-2) Yr. ....

\*130A-130B. Grammar, Composition, and Style. (3-3) Yr. Mrs. Friedlander

\*131A-131B. International Phonetics, applied to the study of French. (2-2) Yr. ....

\*199A-199B. Special Studies in French. (2-2) Yr. ....

Prerequisite: Senior standing and at least twelve units in upper division French.

\*200A-200B. Seminar in French Literature. (2-2) Yr. ....

\*370. The teaching of French. (2) I ....

## GERMAN

## LOWER DIVISION

1. Elementary German. (3) I Mrs. Friedlander  
This course corresponds to the first two years of high-school German.
2. Elementary German. (3) II Mrs. Friedlander  
Prerequisite: Course 1 or two years of high-school German.
3. Intermediate German. (3) I Sister Eloise Therese  
Prerequisite: Course 2 or three years of high-school German.
4. Intermediate German. (3) II Sister Eloise Therese  
Prerequisite: Course 3 or four years of high-school German.

25A-25B. Scientific Reading. (2-2) Yr. Sister M. Ida  
Quick and accurate comprehension of articles in fields of chemistry and physics. Prerequisite: German 2 or two years high school German.

## ITALIAN

## LOWER DIVISION

1. Elementary Italian. (3) I Mrs. Friedlander  
Essentials of grammar.
2. Elementary Italian. (3) II Mrs. Friedlander  
Prerequisite: Course 1. Grammar, easy readings and conversation.
- \*3. Intermediate Italian. (3) I Mrs. Friedlander
- \*4. Intermediate Italian. (3) II Mrs. Friedlander

\* Not to be given in 1949-1950.

**SPANISH**

**Preparation for Major.**—Spanish 1, 2, 3, 4 or equivalent; 42A-42B.

**The Major.**—Twenty-four units of upper division courses including 102A-102B; 110A-110B; 115A-115B.

**LOWER DIVISION**

1. **Elementary Spanish.** (3) I Miss Hubard, Sister Eloise Therese  
This course corresponds to the first two years of high-school Spanish.

2. **Elementary Spanish.** (3) II Miss Hubard, Sister Eloise Therese  
Prerequisite: Course 1 or two years of high-school Spanish.

3. **Intermediate Spanish.** (3) I Miss Hubard, Sister Eloise Therese  
Prerequisite: Course 2 or three years of high-school Spanish.

4. **Intermediate Spanish.** (3) II Miss Hubard, Sister Eloise Therese  
Prerequisite: Course 3 or four years of high-school Spanish.

8A-8B. **Spanish Conversation.** (1-1) Yr. Sister Eloise Therese

25A-25B. **Advanced Spanish.** (3-3) Yr. Miss Hubard  
For lower division students who have had Course 4 or the equivalent.

42A-42B. **History of Spanish Culture and Civilization.** (2-2) Yr.

Sister Eloise Therese

**UPPER DIVISION**

101A-101B. **Oral and Written Composition.** (3-3) Yr.  
Sister Eloise Therese

102A-102B. **Survey of Spanish Literature.** (3-3) Yr. Sister Eloise Therese

\*110A-110B. **Contemporary Literature.** (3-3) Yr. ....  
Reading and discussion of contemporary writers.

\*115A-115B. **Readings in Classical Literature.** (3-3) Yr. ....  
Students who are planning to take graduate work in Spanish are  
required to take this course or its equivalent.

\*125A-125B. **International Phonetics applied to the study  
of Spanish** (1-1) Yr. ....

199A-199B. **Special Studies in Spanish.** (3-3) Yr. ....  
Prerequisite: Senior standing and at least 12 units in upper  
division Spanish.

\*200A-B. **Seminar in Spanish Literature.** (2-2) Yr. ....

\*370. **The Teaching of Spanish.** (2) I ....

\* Not to be given in 1949-1950.

## DEPARTMENT OF MUSIC

Mr. Juan Aguilar  
 Sister M. Celestine  
 Sister M. Timothy

Very Reverend Robert Brennan  
 Mr. Herbert Gray  
 Eddison von Ottenfeld

Mr. Will Garroway

With music as the major subject the College offers courses both theoretical and practical, which lead to the degree of:

- (1). Bachelor of Arts
- (2). Bachelor of Music

Candidates for the degree of Bachelor of Arts with Music Majors and the degree of Bachelor of Music must meet the requirements of the College as stated in the Catalogue under ADMISSION OF STUDENTS.

Candidates for the degree of Bachelor of Music must have had four years of study in the instrument in which they wish to major.

The degree of Bachelor of Arts with a Music Major and the degree of Bachelor of Music is conferred on candidates who fulfill all requirements prescribed for the degree and who choose music as the major subject. Music Majors are required to participate in either a choral group or the college orchestra.

### 1. Bachelor of Arts

The Major—Required 48 units.

**Freshman Year:** Solfegge (1A-1B)  
 Harmony (15A-15B)

**Sophomore Year:** Music History and Literature (2A-2B)  
 Applied Music (23C-23D)

**Junior Year:** Music Appreciation (103)  
 Music History (124, 125, or 127)  
 Applied Music (123A-123B)

Six units from the following:

Counterpoint (101A-101B) 2 to 4 units  
 Form and Analysis (104A-104B) 2 to 4 units  
 Orchestration (114A-114B)

**Senior Year:** Applied Music (123C-123D)  
 Composition (105A-105B)

An acceptable minor consists of Solfegge (1A-1B), Harmony (15A-15B), and not more than eight other courses of lower division units chosen from (21A-21B), (2A-2B), (7A-7B), and courses (9A-9B-9C-9D), (10A-10B-10C-10D). The upper division courses consist of (108), (125) or (103), and two or more units chosen from (110A-110B), (118A-118B), (119A-119B).

A candidate for a California state teaching credential with a major or minor in music must fulfill, in addition to the degree and major requirements, the professional sequences as outlined in the Department of Education.

A minimum of two years each of voice, pianoforte, and orchestral instruments is required of all candidates for the credential. For instruction in the method of teaching music, see course description for Education M330-M370.

**2. Bachelor of Music**

The Major—Required 60 units.

**Freshman Year:**      Solfegge (1A-1B)  
                            Harmony (15A-15B)  
                            Applied Music (23A-23B) or Piano Class (25A-25B).  
                            Open to students working towards the Special Secondary Credential. Not applicable to the degree.

**Sophomore Year:**      Solfegge (11A-11B)  
                            Harmony (21A-21B)  
                            Music History and Literature (2A-2B)  
                            Applied Music (23C-23D)

At the end of the Sophomore year the student has a choice of one of the following sequences; A, B, or C, to be determined to her particular abilities and interests, and in conference with the adviser.

**A. The Major in Applied Music.**

**Junior Year:**      Keyboard Harmony (100)  
                            Counterpoint (101A-101B)  
                            Form and Analysis (104A-104B)  
                            Piano Ensemble (116) or String Ensemble (110)  
                            Applied Music (123A-123B)  
                            Music Appreciation (103) (Not open to students who have had Music Appreciation 46).

**Senior Year:**      Choral Conducting (108A-108B) or Instrumental Conducting (109A-109B)  
                            Composition (105A-105B)  
                            Music History and Literature (124, 125, or 126)  
                            Applied Music (123C-123D)

A recital is required during the senior year.

**B. The Major in Theory and Composition.**

**Junior Year:**      Keyboard Harmony (100)  
                            Music Appreciation (103)  
                            Counterpoint (101A-101B)  
                            Form and Analysis (104A-104B)  
                            Brass and Percussion Instruments (128)  
                            Woodwind Instruments (127)  
                            Applied Music (123A-123B)

**Senior Year:**      String Instruments (129)  
                            Choral Conducting (108)  
                            Instrumental Conducting (109)  
                            Orchestration (114A-114B)  
                            Composition (105A-105B)  
                            Music History and Literature (124, 125, or 126)

An original composition is required in the Senior Year.

**C. The Major in Music Education. Four Year program leading to the recommendation for a Special Secondary Credential in Music.**

Junior Year:	Piano and/or Voice (123A-123B) Counterpoint (101A) Form and Analysis (114A) Music Appreciation (103) or Music History and Literature (124, 125, or 126) Brass and Percussion Instruments (128) Woodwind Instruments (127) Choral Conducting and Material (108A-108B) Vocal Class (112A-112B) Music Education (330)
Senior Year:	Stringed Instruments (129) Instrumental Conducting and Material (109A-109B) Orchestration (114A-114B) Composition (105A) Piano Class Teaching (130) Music Education (370)

**Related Requirements:**

Ten units in a modern foreign language, six units in English composition 1-2, four units in English literature, two units in natural science, and four units in social science.

**General Requirements:**

Religion, Philosophy, Political Science, Physical Education.

**CURRICULUM II**

Five year program to the Degree of Bachelor of Arts or Bachelor of Music and to the recommendation for a General Secondary Credential.

One principal or subordinate teaching field is required as well as a major in music. See education.

Freshman Year:	Piano and/or Voice (Individual) (23A-23B) Solfegge (1A-1B) Harmony (15A-15B)
Sophomore Year:	Piano and/or Voice (Individual) (23C-23D) Harmony (21A-21B) Music History and Literature (2A-2B)
Junior Year:	Piano, Voice, and/or Orchestral Instrument (Individual) (123A-123B) Counterpoint (101A) Music Appreciation (103) Form and Analysis (104A) Choral Conducting and Material (108) Woodwind Instruments (127) Brass and Percussion (128) Music History and Literature (125)

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Senior Year:	Stringed Instruments (129) Instrumental Conducting and Material (109) Orchestration (114A-114B) Composition (105A) Music Education in the Elementary School (330)
Fifth Year:	Music Education in the Secondary School (370) Observation and Directed Teaching in Public School Education (G377) Music (270) 4 units, and Music (205) 2 units, or Music (209) 2 units

### LOWER DIVISION

The lower division program must include 1A-1B and 15A-15B.

**1A-1B. Solfegge. (3-3) Yr. Sister M. Celestine**

Sight singing, dictation and ear training with emphasis on aural recognition of intervals isolated or in relation to a tonal center.

**2A-2B. Music History and Literature. (2-2) Yr. Sister M. Celestine**

Western music from its beginning to the present with emphasis on constructive principles characteristic of successive periods in the development of music. Composers and their influence on modern music.

**3. Solfegge and Voice. (3) I Mr. Garroway**

Elementary theory, music reading and dictation, vocal technics. This course or its equivalent is required of all candidates for the general elementary teaching credential. Enrollment limited to students who are candidates for this credential. No credit towards the degree for Music Majors.

**7. Elementary Voice. (Class) Restricted to music majors working for the special secondary credentials in music.**

**9A-9B-9C-9D. Chorus and Glee Club. ( $\frac{1}{2}$  unit each semester). Mr. Garroway**

**10A-10B-10C-10D. College Orchestra. ( $\frac{1}{2}$  unit each semester) Mr. Gray**

**15A-15B. Harmony. (3-3) Yr. Sister Timothy**

The formation of scales, intervals, triads and their inversions; the dominant seventh and its inversions, cadences, embellishing tones. Keyboard application.

**21A-21B. Harmony. (2-2) Yr. Sister M. Celestine**

Use of all diatonic harmonies in advanced melodies. Simple modulation through common chord and common tone. Advanced chromatic harmonies. Augmented sixth and Neapolitan sixth. Special attention to different styles of harmonization. Advanced modulation, both written and keyboard.

**23A-23B-23C-23D. Applied Music (Individual Instruction). (2-2-2-2) Staff****25. Piano Class Instruction. (2) I, II Sister Timothy**

(Required of majors working toward a Special Secondary Credential). Practical instruction of the keyboard and ease and accuracy in sight reading. Ability to play a Bach Invention, an artistic accompaniment, and to read at sight four part hymns is required of all applicants for the credential.

**28A-28B-28C-28D. Limited Group Instruction. (1-1-1-1) Staff**

Voice, Piano, Violin, Orchestral Instruments.

**38A-38B-38C-38D. Ensemble Group Instruction (1/2-1/2-1/2-1/2) Yr. Staff**

Choral, String Quartet, Orchestra.

**46A-46B. Music Appreciation. (1-1) Sister Timothy**

Restricted to music majors working for credential. A course designed to develop judgment and discrimination in listening to music. The material used consists largely of phonograph records.

**UPPER DIVISION****100A-100B. Keyboard Harmony. (1-1) Yr. Sister Timothy**

Review of modulation and chromatic harmonies. Transposition. Harmonization of melodies in free accompaniment style.

**101A-101B. Counterpoint. (2-2) Yr. Sister M. Celestine**

Elements of part-writing in two, three and four voices. Invertible counterpoint.

**103A-103B. Appreciation of Music. (1-1) Yr. Sister Timothy**

Designed to familiarize the student with standard symphonic music. Selected recordings.

**104A-104B. Form and Analysis. (2-2) Yr. Mr. Aguilar**

A review of the simple structural elements such as section, phrase, and period. The binary, ternary, three rondo, and sonata-allegro. Second semester: analysis of the larger forms. Analysis of representative works of the modern period including opera and oratorio.

**105A-105B. Composition. (2-2) Yr. Eddison von Ottenfeld**

Vocal and instrumental compositions in the smaller forms.

**107A-107B. Composition. (2-2) Yr. Mr. Aguilar**

A continuation of 105A-105B leading from simple binary, ternary designs through the variations, rondo and sonata forms.

**108A-108B. Choral Conducting. (1-1) Yr. Sister Timothy**

Conducting of assembly singing and of choral works suitable for use with school choral groups. Technic of baton and use of left hand for expressive purposes. Materials for choral groups.

**109A-109B. Instrumental Conducting and Material. (1-1) Yr.**

Sister Timothy

Reading and conducting from full scores of orchestral compositions with the use of phonograph records. Study of orchestral works suitable for high school groups.

**110A-110B. String Ensemble. (1/2-1/2) Yr. Mr. Gray**

The study and interpretation of string literature.

**111A-111B. Gregorian Chant. (2-2) Yr. Msgr. Brennan**

This course includes a study of the fundamentals of Gregorian rhythms and the basic principles of Gregorian tonality.

**112A-112B. Advanced Voice. (1-1) Yr. Mr. Garroway**

Continued development of breath control, tone production, and technique. Study of songs in foreign languages.

**114A-114B. Orchestration. (2-2) Yr. Sister Timothy**

First semester: Development of orchestral sonorities based on laws of vibration. Study of compass, technic, color; possibilities of all instruments of the orchestra and band, and their combinations. Second semester: Combinations of the different sections of the orchestra in "tutti" as well as in contrasting passages.

**118A-118B-118C-118D. Orchestra. Continuation of 10D. (1/2-1/2-1/2-1/2) Mr. Gray****119A-119B-119C-119D. Choral. Continuation of 9D. (1/2-1/2-1/2-1/2)**

Mr. Garroway

**112A-112B. Advanced Counterpoint. (2-2) S. (Alternate Summers)**

Sister M. Celestine

Imitation, double counterpoint in the octave, tenth, and twelfth. Triple and quadruple counterpoint.

**123A-123B-123C-123D. Applied Music. (2-2-2-2) Staff**

Piano, organ, voice, violin, harp or an orchestral instrument.

**\*124. Music and the Liturgy. (2) S. Msgr. Brennan****125. Twentieth Century Music. (1-1) Yr. Sister Celestine**

Contemporary music. A survey of trends, composers, and compositions.

**\*126. The History of the Opera. (2) II Sister M. Celestine****127. Woodwind Instruments: Class Instruction and Methods. (2) I**

Sister Timothy

Elementary instruction in woodwind instruments. Correct tone production, technic, and care of each instrument. Planning a course of

\* Not to be given in 1949-1950.

study in teaching of woodwind instruments. Designed to stimulate school classroom situations and methods as far as possible. Ability to play the major scale one octave on one instrument of this section.

128. **Brass and Percussion Instruments:** Class Instruction and Methods. (2) II .....

Elementary instruction in brass and percussion instruments. Correct tone production, technic, and care of each instrument. Planning a course of study in teaching of brass and percussion instruments. Designed to simulate school classroom situations and methods as far as possible. Ability to play the major scale one octave on one instrument of this section.

129. **Stringed Instruments.** (2) II Sister Timothy

Elementary instruction in violin, cello, viola, and bass. Tone production, bowing, problems of technic and care of the instrument. Ability to play the major scale one octave on one instrument of the string section.

\*200. **Canon and Fugue.** (2) S. Sister M. Celestine

Canon in all intervals. Simple fugue two, three, and four voices.

\*201A-201B. **Orchestration.** (2-2) Yr. .....

The technic of modern orchestration and band arrangement of piano scores especially composed for such treatment. Methods of securing balance, color, and contrast.

\*205. **The Art of Choral Development.** (2) S. .....

The problems and technics of voice development in classes in secondary schools and colleges. The ability to train changed and unchanged voices. Survey of materials for such groups.

\*208A-208B-208C-208D. **Advanced Composition.** (2-2-2) S. .....

For graduates with previous experience in writing music.

\*209. **Materials of Modern Music.** (2) II .....

Analysis and practice in writing in the field of modern music. Detailed study of representative works of impressionistic atonal, polytonal, and neoclassic composer through vocal, instrumental, and orchestral scores. Keyboard application of modern harmonic techniques. Given in summer session.

210A-210B-210C. **History of Music.** (2-2-2) S. .....

The three great periods in music; their influence on music of today; modern national music.

\* Not to be given in 1949-1950.

211. **Aesthetics and Criticism of Music.** (2) .....  
A study of the principles of beauty and standards of evaluating as they relate to musical composition.

\*216. **Church Music: Seminar.** (2) S. (Alternate Summers) .....  
Studies in interpretation, theory and practice of conducting.

\*221A-221B-221C-221D. **Voice.** (Individual Instruction). (2-2-2-2) .....

\*223A-223B-223C-223D. **Piano, Organ or Violin.** (2-2-2-2) .....

270. **Practicum in Music Education.** (2) S. (Alternate Summers)  
Msgr. Brennan

The planning and development of practical or creative projects, group or individual, in the field of music education. Carried on in connection usually with some actual school situation, under the guidance of one or more members of the staff. (Maximum credit, 4 units.) Prerequisite: B.Mus. degree with music education major or equivalent.

271. **Music Criticism.** (2) Mr. Garroway  
A survey of factors involved in critical evaluation.

330. **Elementary Music Education.** (3) S. (Alternate Summers) .....

Prerequisite: Sophomore standing and course 1A-1B. Required of candidates for the general elementary credential.

Curriculum and materials in the elementary school. The child voice and singing; rhythm training.

Methods and material for music history and appreciation.  
Lesson planning and teaching.

370. **Music Education in the Secondary School.** (3) Yr. (Alternate Summers) cf. Education M370. .....

376. **Supervised Teaching-Music** (4) II .....  
of Education M376.

**PIANO REQUIREMENTS**  
**LOWER DIVISION**

23A-23B. **Examination on the completion of the freshman year.** (2-2)

Candidates are expected to present several standard studies from Heller, Op. 46; Czerny, Op. 299 or others of similar grade; one of the easier sonatas of Haydn or Mozart; one composition of musical worth by a modern composer. In addition, candidates must also have a good knowledge of all scales and arpeggios in various combinations, and of approved technical exercises, such as Hanon, etc.

23C-23D. **Examination on the completion of the sophomore year.** (2-2)

Advanced technique. Three examples selected from the following: Octave Studies; Heller, Op. 45, etc.; three two-part Bach Inventions or a suite; one movement of a Mozart or Schubert sonata; two pieces studied during the freshman year. These compositions are to be played from memory.

\* Not to be given in 1949-1950.

**UPPER DIVISION****123A-123B. Examination on the completion of the junior year. (2-2)**

Advanced technique. Three studies from the following: Czerny, Op. 140, Op. 337 or Op. 335; Neupert Studies; Kullak, Octave Studies; Moszkowski double note exercise; Moscheles Studies; a selected sonata or a concerto by Mozart.

**123C-123D. Examination on the completion of the senior year. (2-2)**

Advanced technique. One of the following works: Chopin Ballades, Scherzi, Polonaises; Brahms Rhapsodies, Variations, or a group of intermezzi; an important work of Debussy, Ravel, etc. Each student shall study in addition to the above compositions, one work of chamber music type each year. Four units are allowed on the senior recital.

**ORGAN REQUIREMENTS****LOWER DIVISION****23A-23B. Examination on the completion of the freshman year. (2-2)**

Studies from at least one "Organ School" stressing pedal-playing; three of the smaller Bach preludes and fugues; studies by Stainer, Lemmens, and others.

**23C-23D. Examination on the Completion of the Sophomore Year. (2-2)**

Organ: Pedal technique, legato touch. Studies in three and more parts by Stainer, Rinck, Lemmens, Best, followed by organ compositions by Bach, Mendelssohn, Rheinberger, Guilmant and Widor.

**123-C-123D. Examination on the Completion of the Junior Year. (2-2)**

Transposition and simple modulation; one sonata of the grade of Mendelssohn's second or third; Roger's Suites, Gregorian chant accompaniment. In addition, the student should be able to accompany masses and general church services.

**123C-123D. Examination on the completion of the senior year. (2-2)**

Improvision and transposition. A sonata by Mendelssohn, Rheinberger, Merkel, etc.; a Bach composition of the grade of the Toccata and Fugue in D Minor; Franck's Chorales; a sonata by Guimant. Compositions by standard composer of corresponding difficulty.

**VOICE REQUIREMENTS****LOWER DIVISION****23A-23B. Examination for the completion of the freshman year. (2-2)**

The candidate should show good knowledge of voice production and placement and ability to sing scales and arpeggios on various vowels and tempi. She should also demonstrate her ability to read a simple song at sight and to sing selections of standard songs in English.

**23C-23D. Examination for the completion of the sophomore year. (2-2)**

The candidate should demonstrate her ability to sing all major, minor and chromatic scales, arpeggios, exercises of agility and for sustaining tones, also a selected recitative and one or more of the lesser arias of opera and oratorio.

**UPPER DIVISION****123A-123B. Examination for the completion of the junior year. (2-2)**

The candidate should demonstrate her ability to sing the more difficult arias of opera and oratorio in English and in two foreign languages. Select a group of songs similar to "Thou Art Repose," Schubert, or "Devotion," Schumann; also an opera aria similar to the following; for soprano, "Vissi Darte" (La Tosca for alto, "My Heart at Thy Sweet Voice" (Samson and Delila).

**123C-123D. Examination for the completion of the senior year. (2-2)**

A program of songs and arias such as a group of German songs by Schubert, Brahms, Beethoven; a group of Italian songs by Sarti, Per golesi, Scarlatti, etc.; a group of French songs by Faure, Fourdrain, Debussy; a group of American songs. The candidate's repertoire at the end of the senior year should consist of four operatic arias, four oratorio arias, twenty classics, and twenty standard modern songs.

**VIOLIN REQUIREMENTS****LOWER DIVISION****23A-23B. Examination on completion of the freshman year. (2-2)**

Students should be able to play two octave scales, representative studies by Kayser, Mazas or Dont; student concertos by Seitz, Accolay, etc., or compositions of like grade in smaller form.

**23C-23D. Examination for the completion of the sophomore year. (2-2)**

Students should play two Kreutzer etudes and selections from the following: Beethoven Romance; Rode Concerto Nos. 7 and 8; Viotti Concerto No. 29 (one movement); Tartini Sonata, G Minor.

**UPPER DIVISION****123A-123B. Examination for the completion of the junior year. (2-2)**

Representative technique, scale studies. Students should be able to play any one of the following: Viotti Concerto 22; Spohr Concertos 7 and 9; Mozart Concertos A Major and E Flat; De Beriot Concertos 9; Corelli and Tartini sonatas.

**123C-123D. Examination on the completion of the senior year. (2-2)**

One caprice by Rode, Wieniawski or Dont; one sonata with piano of Franck, Beethoven, Brahms or Grieg. Performance of any of the larger masterpieces of Vieuxtemps, Saint-Saens, Sarasata, Wieniawski, Kriesler, etc., or one of the following concertos complete: Saint-Saens, A Major; Bruch, G Minor; Vieuxtemps, A Minor.

In addition she should have studied the Viola to enable her to play viola ensembles.

## DEPARTMENT OF NURSING EDUCATION

Sister Genevieve Marie

Sister M. Rebecca

**Nursing Education:** A major in (Nursing Education), a Biological Science of Chemistry or Sociology; a minor in one other of these fields; for those who expect to teach in schools of nursing, a minor in education. In accordance with the practice in the leading universities, the College accepts the Professional Diploma as the equivalent of 30 units, or one year of college work. This diploma must be from a school of nursing connected with a hospital which is recognized as belonging to Class A by the American College of Surgeons. For requirements see Nursing Education Department.

The College is affiliated with St. Vincent's Hospital, Los Angeles, with St. Joseph's Hospital, Orange, with St. John's Hospital, Santa Monica, with St. Mary's Hospital, Tucson, Arizona, and with Mercy Hospital, San Diego. In view of these affiliations, the College offers a combined curriculum consisting of two years of work at Mount St. Mary's College, and three years training at one of the above hospitals followed by a senior year at the College. This curriculum leads to the degree of Bachelor of Science, and the diploma of Graduate Nurse.

A year curriculum for pre-nurse is also offered, designed for students who have not completed the age requirement for hospital entrance, or for those who cannot devote two years to college work.

**One Year Pre-Nursing Curriculum:** English 1A; Chemistry 1A; Bacteriology 1; Psychology 6; Physical Education 2, 4A-4B; Speech 20; Dietetics 3A; Nutrition and Cookery, Home Economics 32, Zoology 15 and 35; Sociology 1A.

### LOWER DIVISION

(Required Program in the College of Nursing: 30 units.)

**Major:** Education 110, 119, 170; History 174A; Home Economics 120; Nursing Science 431, 432, 434; Sociology 104; Social Welfare 101.

### UPPER DIVISION

**431. Administration in Schools of Nursing.** (2) I Sister M. Rebecca  
Lectures, two hours.

Prerequisite: The completion of the nursing curriculum and Education and Education 101A.

Nursing Education.

Required of all candidates for the Bachelor of Science Degree in  
A lecture and seminar on the administration of schools of nursing  
with special reference to collegiate standards and school organization.

**432. Principles of Nursing Education.** (2) I Sister Genevieve Marie  
Prerequisite: The completion of the nursing curriculum and Education 106 and Education 101A.

Lectures, two hours.

A course introductory to the study of teaching methods in schools  
of nursing and conducted in part on the seminar plan. Required of all  
candidates for the Bachelor of Science Degree in Nursing Education.

**433. Hospital Administration.** (2) II Sister Genevieve Marie

**434. Principles of Ward Management and Teaching.** (3) II

Sister M. Rebecca

Prerequisite: Completion of the nursing curriculum and Education 106 and Education 101A.

Lectures, three hours.

A course intended chiefly for supervisors and instructors but required of all candidates for the Bachelor of Science Degree in Nursing Education on the principles of departmental and divisional supervision with special reference to administrative and educational features.

## DEPARTMENT OF PHILOSOPHY, PHILOSOPHY OF RELIGION, PSYCHOLOGY

Reverend Anthony Brouwers	Reverend Joseph A. Vaughan, S.J.
Very Reverend Patrick Dignan	Reverend Patrick Roche
Reverend Michael Hanlon	Sister M. Dolorosa
Reverend Thomas McNicholas	

All students are required to take at least one course in Philosophy each semester.

### LOWER DIVISION

1A-1B. **Logic.** (2-2) Yr. .....  
Dialectics; Epistemology.

\*2A-2B. **Survey of Philosophy.** (2-2) Yr. Msgr. Dignan  
A survey of theories and problems.

\*4. **Ontology.** (2) I .....  
Being, its divisions and attributes; objectivity and classification of causality.

\*5. **Cosmology.** (2) II .....  
A study of the origin, nature, and end of the inorganic world.

6A-6B. **Psychology.** (2-2) Yr. Father Vaughan, S.J.  
The phenomena of vegetative, sentient and rational beings. The intellect; the will; the soul.

### UPPER DIVISION

100A-100B. **History of Ancient Philosophy.** (2-2) Yr. Sister M. Dolorosa

101. **History of Medieval and Modern Philosophy.** (2) II  
Sister M. Dolorosa

\*104. **Natural Theology.** (2) I Msgr. Dignan  
Existence and Nature of God. Action of God in the Universe.

105A-105B. **Ethics.** (2-2) Yr. Father Vaughan, S.J.  
General Ethics and Moral Values. Individual and Social Ethics.

## PHILOSOPHY OF RELIGION

All students are required to take at least one course in Philosophy of Religion each semester.

1A-1B. **Principles of Morality.** (1-1) Yr. Sister M. Gerald  
A course designed to give students a knowledge and appreciation of basic moral principles. This course must be taken by all non-Catholic students.

\* Not to be given in 1949-1950.

**2A-2B. General Survey of Christian Doctrine. (1-1) Yr.**

Sister Marie de Lourdes

The fundamental doctrines of the Church; the Creed; the Sacraments; the Commandments. This course is prescribed for those students who do not present high school credits in religion.

**3A-3B. God the Redeemer. (1-1) Yr. Sister Ida**

Christology or the Incarnation; Soteriology or the Redemption; the worship of Christ; Mariology or the Veneration of the Blessed Virgin Mary; the Veneration of the Saints; Grace.

**4A-4B. God and Creation. (1-1) Yr.**

Sister St. Francis and Sister M. Hortensia

Faith; unity and trinity of God; God the Creator; Man; Angels. Evolution, Spiritism, Eschatology or the Four Last Things.

**UPPER DIVISION****101A-101B. The Sacramental System of the Church of Christ. (1-1) Yr.**

A systematic study of the nature and chief sources of grace.

**102A-102B. An Introductory Course to the Study of the Scriptures. (1-1) Yr.**

Sister M. Dolorosa

Divine character of the Sacred Scriptures; revelation and inspiration; the Gospel history.

**103A-103B. Divine Worship. (1-1) Yr. Sister Rose de Lima**

The Liturgy.

**104. Open Forum. (1-1) Yr. Father Brouwers****†120 to 125. Moral Theology. (2-2) Yr. Father McNicholas**

Human Acts, Sacraments in general, the Commandments, Moral Virtues.

**†130 to 136. Dogmatic Theology (2-2) Yr. Father Roche**

God, Christology, Soteriology and Mariology, Grace, the Sacraments, Eschatology.

**†140 to 146. Scripture (2-2) Yr. Msgr. Dignan**

Old Testament: Introduction and Historical Books, Prophetic Books, Didactic Books. New Testament: Introduction and Synoptic Gospels, Gospel of St. John and the Apocalypse, Acts of the Apostles and the Epistles.

**PSYCHOLOGY****LOWER DIVISION****21. General Psychology. (3) II .....**

† Courses are given in cycles.

## UPPER DIVISION

100. **Educational Psychology.** (3) I Sister M. Hortensia  
106. **Experimental Psychology.** (2) II Father Hanlon  
111. **Child Psychology.** (3) II Sister M. Hortensia  
cf. Education 111  
112. **Psychology of Adolescence.** (2) I Sister M. Hortensia  
cf. Education 112

## PHYSICAL EDUCATION

Mr. Jean L. Heremans Miss Sally Parker

## LOWER DIVISION

4A-4B. **Required Physical Education for Freshmen.** (1½-1½) Yr. Miss Parker  
4C-4D. **Tennis.** (1½-1½) Yr. Miss Parker  
8A-8B. **Required Physical Education for Sophomores.** (1½-1½) Yr. Miss Parker  
8C-8D. **Archery.** (1½-1½) Yr. Miss Parker  
8E-8F. **Fencing.** (1½-1½) Yr. Mr. Heremans  
\*32A-32B-32C. **Professional Activities: Techniques of Teaching Tennis, Fencing, and Archery.** (2-2-2) .....  
Open only to minors in physical education.

34. **Technique of Teaching Swimming and Life Saving.** (2) I, II

\*44. **Principles of Health Education.** (2) II Sister Marguerite

A study of personal hygiene and community health problems including the principles of sanitation.

## UPPER DIVISION

Upper division courses designed for students minoring in physical education.

101. **Kinesiology.** (3) I .....  
102. **Corrective Physical Education.** (3) II .....  
\*105. **Physiology of Exercise.** (3) I Miss Parker  
\*130. **Principles of Physical Education.** (2) II Miss Parker  
\*132. **Organization of Athletics.** (2) II Miss Parker  
171. **Physical Education in the Elementary School.** (2) S. ....

Prerequisite: Junior standing, Courses 4A-4B and 44, and Education 111. Required of all candidates for the General Elementary Credential. Two hours a week of free observation a partial requirement of the course.

All students are required to enroll in four semester courses of physical education irrespective of credit gained. A grade of C must be maintained. Courses 4C-4D, 8C-8D, 8E-8F, and 34 may be substituted for 4A-4B and 8A-8B.

## DEPARTMENT OF PHYSICAL SCIENCES

Sister Alice Marie  
Dr. Joseph A. Pollia

Sister Ida  
Sister Rose Gertrude

The department includes the fields of Astronomy, Chemistry, and Physics. A major is offered in chemistry.

### ASTRONOMY

\*1. Elementary Astronomy. (3) 1 Sister Rose Gertrude  
Lectures, three hours; discussion section, one hour.

The general principles and the fundamental facts of astronomy, with particular emphasis on the solar system.

### CHEMISTRY

Two programs of study leading to the bachelor's degree are offered by the department: (1) General Chemistry which prepares students for teaching for medical sciences and pharmacy, for research positions in industry, and for positions with professional rating in the government service; (2) Medical Technology, with a major in chemistry.

### GENERAL CHEMISTRY

**Preparation for the Major:** Chemistry 1A-1B which must be passed with a grade of C; Physics 2A-2B, 3A-3B; Mathematics C, 1, 3A and 3B and a reading knowledge of German or French.

**The Major:** The minimum requirement for the major is: Chemistry 5A-5B (6), 8A-8B (6), 101 (3), 110A-110B (4), 111A-111B (4), and 121 (3). The remainder of the 24 required upper division units are to be taken in chemistry and related courses in Cancer Research.

Additional requirements for the General Secondary Teaching Credential: Biology 10 (3) and Zoology 15 (4).

Post-Graduate Year: Chemistry 199, 247, 248, and 370; Education courses required for the General Secondary Teaching Credential.

\* Not to be given in 1949-1950.

### MEDICAL TECHNOLOGY

The course prepares the students for positions in hospitals, public health departments, and physicians' laboratories.

**Preparation for the Major:** Chemistry 1A-1B; Physics 2A-2B, 3A-3B; Mathematics C and 1; and a reading knowledge of German or French.

**The Major:** The minimum requirement for the major is: Chemistry 5A-5B (6), 8A-8B (6), 101 (3), 110A-110B (4), 111A-111B (4) and 121 (3). The

remainder of the 24 required upper division units are to be taken in chemistry and related courses in Cancer Research.

Additional requirements include: Bacteriology 1, 103, 156; Zoology 15, 111.

#### LOWER DIVISION

**1A-1B. General Chemistry.** (3-4) I, II Sister Alice Marie

Prerequisite: High school chemistry, or physics and trigonometry.

1A—A basic course in principles of chemistry, emphasizing calculations.

1B—Continuation of 1A, emphasizing the theory and technique of qualitative analysis.

**5A-5B. Quantitative Analysis.** (3-3) I, II Sister Ida

A course in the principles of gravimetric and volumetric analysis.

**\*8A-8B. Organic Chemistry.** (3-3) I, II Sister Ida

An introductory study of the compounds of carbon.

#### UPPER DIVISION

**101. Organic Synthesis.** (3) I Sister Alice Marie

Prerequisite: Chemistry 8A-8B.

Advanced Organic Preparations.

Lecture, one hour; laboratory, five hours.

**\*103. Qualitative Organic Analysis.** (3) I Sister Alice Marie

Lecture, one hour; laboratory, five hours.

Characterization and identification of organic compounds.

**107. Physiological Chemistry.** (4) II Sister Ida

The general properties of living matter, carbohydrates, fats, proteins, and the fundamental processes which go on in the body.

**\*110A-110B. Physical Chemistry.** (2-2) I, II Sister Alice Marie

Prerequisite: Chemistry 6A-6B; Physics 1A-1B.

A study of the theoretical principles applicable to all branches of chemistry.

**\*111A-111B. Physical Chemistry-Laboratory.** (2-2) I, II Sister Alice Marie

Prerequisite: Course 110 and calculus

Physico-chemical problems and measurements.

**\*121. Advanced Inorganic Chemistry.** (3) II Sister Ida

Prerequisite: Chemistry 5A-5B.

Periodic classification. A critical review of inorganic chemistry stressing the theoretical aspects. Laboratory work synthetic, involving special techniques.

**129. Colloid Chemistry.** (4) II (Given on Request) Sister Ida

Lectures and laboratory.

An introductory study of colloidal dispersions.

**135. Chemical Microscopy.** (3) I (Given on Request) Sister Ida

The use of the microscope and its accessories applied to chemical investigation. Analysis through crystallization.

\* Not to be given in 1949-1950.

198. **Methods of Undergraduate Research.** (2) II (Given on Request)  
Sister Alice Marie  
The preparation of and the use of bibliographies, methods of research, and technique of thesis writing.

199. **Selected Problems in Chemistry.** (3) I, II Dr. Joseph Pollia

247. **Seminar (2) Colloid Chemistry.** I Sister Ida

248. **Seminar (2) Atomic Structure.** II Sister Alice Marie

370. **The Teaching of Chemistry.** (2) I Sister Alice Marie  
Lesson presentation in chemistry for the secondary level.

## PHYSICS

### LOWER DIVISION

2A-2B. **Physics Lecture.** (2-2) I, II Sister Alice Marie  
Prerequisite: Two years of high school mathematics and one three-unit college course in algebra or trigonometry or three years of high school mathematics.

3A-3B. **Physics Laboratory.** (1-1) I, II Sister Alice Marie  
Laboratory to accompany 2A-2B.

35. **Physics of Music.** (2) I Sister Rose Gertrude.  
A course designed especially for music students.  
\* Not to be given in 1949-1950.

### UPPER DIVISION

105. **Analytic Mechanics.** (3) I Sister Rose Gertrude  
Prerequisite: Mathematics 102, 119.  
The statics and dynamics of particles and rigid bodies.

\*108. **Physical Optics.** (3) I Sister Alice Marie  
Prerequisite: Physics 2A-2B, 3A-3B.  
Wave motion, interference, diffraction, dispersion, polarization, and crystal optics.

\*114A. **Mechanics of Wave Motion and Sound.** (3) II  
Sister Rose Gertrude  
Prerequisite: Mathematics 102.  
Vibration of particles and elastic bodies, sound sources, propagation in elastic media; reflection, refraction, interference, and diffraction of sound.

\*114C. **Mechanics of Wave Motion and Sound Laboratory.** (1) II  
Sister Rose Gertrude  
Laboratory to accompany Physics 114A.

121. **Atomic Physics.** (3) II Sister Alice Marie  
Lecture: two hours; laboratory: three hours.  
A survey course on the physics of the atom dealing with nuclear and extranuclear structures with emphasis on the photoelectric effect, the Compton effect, and the nature of X-rays and radioactivity.

\* Not to be given in 1949-1950.

## DEPARTMENT OF SOCIAL SCIENCES

Msgr. P. Dignan

Sister M. Generosa

Sister Agnes Bernard

Sister St. Francis

Sister Regina Joseph

Sister M. Hortensia

### ANTHROPOLOGY

#### LOWER DIVISION

\*1A-1B. General Anthropology. (2-2) Yr. Sister Agnes Bernard

I. Origin, antiquity and races of man.

II. Origin and growth of civilization. Either half may be taken independently.

#### UPPER DIVISION

\*123. Indians of the Southwest. (2) S. Sister M. Generosa

Prehistory: The ancient inhabitants, Basket Makers, Pueblos, related peoples. Archaeological methods employed. The modern tribes and their relations to the early inhabitants. Connections of the Southwest with Mexico and other places.

### GEOGRAPHY

1. Elements of Geography. (2) I Sister Hortensia

A study of the basic elements of geography (climate, land forms, soil, etc.) followed by a study of the world's major geographic regions.

3. Principles of Geography. (2) II Sister Hortensia

A brief survey of the fundamental factors of physical environment as they affect life on earth and the activities of man.

### HISTORY

**Preparation for the Major:** History 1A-1B; 4A-4B, or 5A-5B; 8A-8B, or 17A-17B. Economics 1A, Geography 1, Political Science 1, Sociology 1 or Anthropology 1.

History as a major field may be studied:

(A) in a sequence or group of courses in the department of history; or  
(B) in a correlation of history with other social sciences.

**For the (A) Major,** students will be expected to do twenty-four semester hours of upper division work. American or European history may be selected as the field of emphasis. Included in the twenty-four units of upper division work must be:

(a) History 101

- (b) At least nine units of survey work in the field of emphasis, including one six-unit course and three additional units.
- (c) A six-unit survey course in the field not selected for emphasis.
- (d) Two semesters of advanced work in the field of emphasis, one course to be taken in each semester of the senior year.

For the (B) Major, sixteen units of upper division History, and an associated knowledge of other subjects in a program of correlation approved by the department of history.

Students who elect history as a major should acquire a reading knowledge of French, German, or Spanish.

#### LOWER DIVISION

**1A-1B. Medieval History. (3-3) Yr. Sister Agnes Bernard**

The study of the spread of Christianity; the Barbarian Invasion; the formation of the Medieval Christian States; the era of Charlemagne; the Papacy and the Empire; the Crusades; the decline of the Feudal System; the Renaissance; the period of Discoveries.

**4A-4B. Modern History, 1555 to Present. (2-2) Yr. Sister Generosa**

The general development of the Institutional life of this period.

**5A-5B. History of England. (2-2) Yr. Sister Agnes Bernard**

**8A-8B. History of the Americas. (3-3) Yr. Sister St. Francis**

A survey of the History of the Western Hemisphere from discovery to 1822.

**17A-17B. History of the United States. (2-2) Yr. Sister Generosa**

#### UPPER DIVISION

**101. Introduction to Historical Method. (2) I Sister Agnes Bernard**  
Required in Junior Year for History Majors.

**\*103. Philosophy of History. (2) II Sister Agnes Bernard**

**110. A Survey of Greek Civilization. (2) I Sister M. Dolorosa**  
cf. Classical Language

**111. A Survey of Roman Civilization. (2) II Sister M. Dolorosa**  
cf. Classical Language

**113. History of Roman Law. (2) Sister Agnes Bernard**

**\*118. Christian Archaeology. (2) I Sister M. Ignatia**  
cf. Art 102

**\*121A-121B. Medieval Civilization. (2-2) Yr. Sister Agnes Bernard**

The Social and Cultural development of Western Europe from the fourth to the fourteenth century.

**141A-141B. The Renaissance, Reformation and Enlightenment.** (2-2) **Yr.**  
Sister Agnes Bernard

A survey of the politics and culture in Western Europe from the fifteenth to the eighteenth century.

**142. Europe in the Seventeenth Century.** (3) **I** Sister Generosa

**143. Europe in the Eighteenth Century.** (2) **II** Sister Generosa

**\*144. Europe 1815-1870.** (2) **I** Sister Generosa

**\*145. History of Slavic Europe and the Balkans.** (2-2) **Yr.**  
Sister S. Francis

**146. Europe 1870-1914.** (2) **II** Sister Generosa

**147. Europe Since—1914.** (2) **S.** Sister Generosa

**149A-149B. History of Russia.** (2-2) Sister St. Francis

**\*152A-152B. Constitutional History of England.** (2-2) **Yr.**

Sister Agnes Bernard

An intensive study of the origin and growth of the English Constitution.

**157. Great Britain Since 1914.** (2) **II** Sister Agnes Bernard

**\*159. History of Canada.** (2) **I** Sister Agnes Bernard

**\*160. History of Spain and Portugal.** (2) **II** Sister St. Francis

A study of the historical development of Spanish institutions.

**161A-161B. History of Hispanic America.** (2-2) **Yr.** Sister St. Francis

A general survey from 1808 emphasizing inter-American relations in the republican era.

**165. History of Modern European Expansion.** (2) **S.**

Sister Agnes Bernard

History of the progress of colonial empires after 1492; motives; rivalries and policies of expansionist nations in the occupation and exploitation of dependent areas; the growth of administrative ideals in the control of backward peoples.

**\*166. History of the Catholic Church in 19th and 20th Centuries.** (2) **S.**  
Msgr. Dignan

**171A-171B. History of the United States.** (3-3) **Yr.** Sister Generosa

A general course dealing with the colonization and the political history of the United States.

**\*172. History of the Church in America.** (2) **S.** Msgr. Dignan

**\*174A-174B. Recent History of the United States.** (2-2) **Yr.**  
Sister Generosa

**178. History of American Diplomacy.** (3) **II** Sister Agnes Bernard  
A study of the foreign relations of the United States.

**\*181. The Westward Movement.** (2-2) **Yr.** Sister Generosa

\* Not to be given in 1949-1950.

Territorial expansion of the United States, the diplomacy and politics of expansion, the settlement and growth of the West, and the influences of expansion upon American institutions and upon international affairs at each stage of advance. The trans-Mississippi West will be emphasized.

188. **History of California.** (3) S. Sister Agnes Bernard

\*191A-191B. **History of the Far East.** (2-2) Yr. Sister St. Francis

A general survey of the history of the Far East with emphasis on recent international relations.

\*198. **Historiography.** (2) I Sister Agnes Bernard

\*254A-254B. **Seminar in Medieval History.** (2-2) Yr.

Sister Agnes Bernard

\*259A-259B. **Seminar in Modern European History.** (2-2) Yr. Staff

274A-274B. **Seminar in American History.** (2-2) Yr. Staff

\*370. **The Teaching of History and Social Studies.** (2) I

Sister Agnes Bernard

## POLITICAL SCIENCE

**Preparation for the Major:** Political Science 1 and 2.

**The Major:** Candidates for the bachelor's degree with political science as a major subject must offer at least 24 units in upper division courses, four of which may be taken in History.

Programs should include one semester course in III (Theory of the State) and 161 (American National Government).

### LOWER DIVISION

\*1. **Introduction to Government.** (2) I Sister Generosa

An introduction to the principles and problems of government, with particular emphasis on national government in the United States. This course is designated to fulfill the American institutions requirements, in part.

2. **Introduction to Government.** (2) II Sister Generosa.

A comparative study of constitutional principles, governmental institutions, and political problems of selected governments abroad.

### UPPER DIVISION

101. **American Institutions.** (2) II Sister Agnes Bernard

The formation, and development of the national and state constitutions, the American executives, the national and state administrative systems, American legislative bodies, the national and state judicial systems, American territories and dependencies. American citizenship, the party system, and local government institutions.

103. **Principles of Political Science.** (2) II.....

\*111. **Theory of the State.** (3) I Sister Agnes Bernard

The nature of the state, its organization and activities, and its relation to individuals and to other states.

\* Not to be given in 1949-1950.

**127. International Relations. (3) I Sister Agnes Bernard**

A general survey of the institutions and agencies of international government, including the United Nations, with major stress on outstanding issues in contemporary diplomacy.

**128. Recent American Foreign Policy. (3) I Sister Generosa****133. Principles of International Law. (3) I Sister Agnes Bernard**

(Readings from representative treaties and journals, and from state documents and diplomatic and judicial cases, with introductory research. The subject is covered in the first semester mainly from readings, in the second from cases).

**\*157A-157B. Constitutional Law of the United States. (2-2) Yr.**

Sister Agnes Bernard and Sister Generosa

Fundamental principles and important cases.

**\*161. American National Government. (2) II Sister Agnes Bernard**

Origin and development of the constitution; powers, functions, and interrelations of executive, administrative, legislative and judicial branches of the government; expansion of governmental activities; the national party system.

**162. Municipal Government. (2) I Sister Generosa**

How cities are organized and what they are doing; municipal politics; relations of city and state. Emphasis is placed on new forms of government, such as the city manager plan.

**\*171. American State and County Government. (2) S. Sister Generosa**

Constitutional development and governmental organization of the American states and counties, with specific reference to California.

**232. Seminar in International Relations. (2) II**

Sister Agnes Bernard and Sister Generosa

## **SOCIOLOGY**

**Preparation for Major:** Sociology 1A-1B; Sociology 60; Economics 1A-1B; Economics 40.

**The Major:** Twenty-four units of upper division courses including Economics 150.

### **LOWER DIVISION**

**1A-1B. Introduction to Sociology. (2-2) Yr. Sister Regina Joseph**

Nature and principles governing fundamental social institutions. The relations of man to society.

\* Not to be given in 1949-1950.

\*54A-54B. The Family as a Social Institution. (2-2) Yr.  
Sister St. Francis

The structure, development, and functions of the family; its relation to the state and to the economic order.

\*60. Group Leadership. (2) I Sister St. Francis

A study of the fundamentals of the group work process and some understanding of individual behavior in various types of groups. The relationship of the leader to the group.

61. Race and Culture. (2) II Sister St. Francis

Racial and cultural backgrounds of society. Contributions of the races to modern social life. Interrelations of existing cultures.

64. The Urban and Rural Community. (2) II Sister St. Francis

A study of the historical development of the modern city and the metropolis. Effects of urbanization on social institutions and progress. Rural society, housing, health, recreation, communication.

#### UPPER DIVISION COURSES

104. The Family. (3) I Sister St. Francis

The effect of modern economic and social conditions on family life. Programs of reconstruction and improvement based on Christian teaching.

114. Crime and its Social Treatment. (3) S. Sister Regina Joseph

Causes and extent of crime; development of programs for the social treatment of crime; methods of preventions of crime.

117A-117B. Current Social Problems. (2-2) Yr. Sister St. Francis

A study of selected contemporary problems.

120. Social Aspects of Recreation. (3) I Sister Regina Joseph

A study of the practical organization of play and recreation. Practical programs for leisure time activities.

\*157A-157B. Social Institutions. (2-2) Yr. Sister Regina Joseph

A comparative study of social institutions and of modern social trends and movements.

161. Immigration and Race Problems. (3) II Sister St. Francis

Migration of races to the United States. Cultural background of the immigrant. Problems of racial-cultural groups.

171. Population and Society. (2) II Sister Regina Joseph

Theories of population, rates of population growth, factors controlling the growth of population, existing conditions in different countries.

199. Selected Topics and Problems. (2) II Sister Regina Joseph

\* Not to be given in 1949-1950.

## THE DEPARTMENT OF SOCIAL WELFARE

Miss Mary Stanton

The work of the department is designed to provide a basic introduction to the field of social welfare for undergraduate students who, (1) intend to enter the profession of social work and will enroll in a graduate school of social work upon graduation from college; or (2) will secure employment in welfare agencies which do not require professional education; or (3) desire to become familiar with social problems and social programs as a help in nursing, teaching, or in other allied professions; or (4) will serve in community positions in which they can influence the development of social welfare.

A major and a minor in preprofessional social welfare is given for upper division students. In addition to subjects offered in the departments of Economics, History, Philosophy, Political Science, Psychology, and Sociology, preprofessional social welfare courses are given. In connection with these courses, conducted field trips and supervised observation visits are made to selected public and private welfare agencies in Southern California. Seminars and independent research projects in connection with community social agencies are arranged for seniors who qualify. Special lectures are provided by federal, state, and local social welfare leaders and members of allied professions. The plan of instruction is based upon close association between students and faculty and between students and professional leaders in the fields of social welfare and health.

Students in the lower division who plan to take a major or a minor in preprofessional social welfare should consult the head of the department with reference to their social science sequence.

### COURSES IN THE DEPARTMENT

#### UPPER DIVISION COURSES

##### **100A-100B. The Field of Social Work. (3) Yr. Miss Stanton**

An introductory course to present the development of social work with special reference to family and child welfare, medical and psychiatric social work, the mental hygiene movement, the courts and probation, public welfare, social group work, and community organization. Class work is supplemented by conducted field visits to public and private social agencies.

##### **101. Methods in Social Work. (3) II Miss Stanton**

A course which introduces the student to some of the basic concepts and procedures employed in social case work, social group work, and community organization. Observational visits are made to social agencies.

**102. Child Welfare. (3) II** Miss Stanton

A study of the changing concept of the rights of parent and child, and of the social movements and social agencies developed to promote the welfare of children. Field visits are made to child welfare agencies, institutions, courts, and child guidance clinics.

**103. Public Welfare. (3) I** Miss Stanton

Designed to acquaint the student with the welfare services conducted under public auspices. The philosophy underlying governmental assumption of public welfare programs and the trends in governmental responsibility for such programs will be covered. Visits to various public agencies are conducted.

**104. Organization and Administration of Social Agencies. (2) I**

Miss Stanton

A course dealing with the function, the structure, the personnel, and the leadership practices in public and private social agencies.

**105. Health and Medical Care. (3) II .....**

A introductory study of society's responsibility for the health of the people, and a review of the health needs of the American public and of the medical services provided by governmental and private agencies. Elementary medical information will be included with relation to special groups studied such as the blind, tubercular patients, and crippled children. Field trips are made to public and private health agencies.

**106. Mental Hygiene. (3) I .....**

An elementary study of the problems of personal mental hygiene in relation to the development of the normal person and to deviations from the normal. Field visits are conducted to state hospitals and to local clinics and sanatoria.

**107. Seminar in Social Problems. (3) I** Miss Stanton

A comprehensive and intensive consideration of selected problems of current interest with emphasis upon independent work.

Open only to seniors who are majors in the department.

**108. Individual Study and Investigation. (1-3 per semester) II**

Miss Stanton

This course offers to selected students an opportunity for relatively independent study of a particular problem, and for practice in social welfare investigation.

Open only to majors in the department, whose average of grades in the major field is not below B.

## COURSES IN OTHER DEPARTMENTS

In addition to the required courses, the following courses are recommended for students in the Department of Social Welfare:

Economics 1A-1B	Principles of Economics	(3-3)
Economics 110	Economics and Social Development of England 1600-1946	(3)
Economics 111	Economic and Social Development of the United States	(3)
Economics 131	Public Finance	(2)
Economics 140	Economics and Social Statistics	(3)
Economics 150	Labor Economics	(2)
Economics 152	Social Insurance	(2)
Economics 155A-155B	International Economics and Social Problems	(2-2)
Economics 199	Ethical Problems in Economic and Social Welfare	(2)
Political Science 161	American Government	(2)
Political Science 171	State and Local Government	(2)
Psychology 21	General Psychology	(3)
Psychology 106	Experimental Psychology	(2)
Psychology 111	Child Psychology	(3)
Psychology 168	Abnormal Psychology	(3)
Sociology 1A-B	Introduction	(2-2)
Sociology 61	Race and Culture	(2)
Sociology 64	The Urban and the Rural Community	
Sociology 104	The Family	(2)
Sociology 60	Group Leadership	(2)

In selecting a sequence, consideration should be given to the following:

**ENGLISH:** Ability to speak and to write English is important in research, in thesis writing, in record writing, and in the interpretation of social work to the public.

**MODERN LANGUAGE:** For the Master of Arts degree a knowledge of French or German is required by certain schools of social work. Mastery of Spanish is necessary for students who plan to work with Spanish-speaking people in the South-West, or in Spanish speaking countries.

**SCIENCE:** Biology is a prerequisite for medical social work courses in some schools of social work.

## DEPARTMENT OF SPEECH AND DRAMA

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### LOWER DIVISION

1A-1B. Fundamentals of Expression. (2-2) Yr. ....  
     The speaking voice, correct enunciation and articulation. Poise and bodily expression. Introduction to speech habits in the light of social backgrounds. Informal public speaking.

2A-2B. Oral Interpretative Reading. (2-2) Yr. ....  
     Speech skills. Oral interpretation of poetry, prose, and drama.

50A. Beginning Play Production. (2) I ....  
     Character analysis and portrayal; stage technique and diction.

50B. Play Production. (2) II ....  
     Practical application of technical principles in play production.

### UPPER DIVISION

110A-110B. Advanced public Speaking. (2-2) Yr. ....  
     Extemporaneous speaking, argumentation and debate.

111A-111B. Interpretative Reading (2-2) Yr. ....  
     A study of the technique of interpreting various literary forms: the lyric, short-story, dramatic dialogue and monologue.

113A-113B. History of the Theater (2-2) Yr. ....  
     A survey course in the history of the drama and its changes.

122. Voice and Diction. (3) II ....  
     Advanced course for those interested in pursuing a teaching or professional career. Previous work in public speaking required.

155A-155B. Play Production. (2-2) Yr. ....  
     Study and presentation of scenes from Greek, Shakespearean, and modern drama.

156. Play Directing. (2) I ....  
     A consideration of the general problems, from selection to staging. Analysis and presentation of one-act plays.

\* Not to be given in 1949-1950.

## EXPENSES PER SEMESTER

Board, single room, tuition.....	\$500.00
Board, suite, tuition.....	475.00
Board, large double room, tuition.....	450.00
Board, smaller double room, tuition.....	<u>400.00</u>
Tuition for day students.....	100.00
Applied Music—individual instruction—Organ, Piano, Voice, Violin, Orchestral Instruments.....	75.00
Applied Music—class instruction—Piano, Voice, Violin, Orchestral Instruments.....	20.00
Music Practice fee.....	10.00
Organ Practice fee (advanced students).....	25.00
Infirmary fee for resident students.....	1.00
Use of private laundry.....	4.00
Library privileges.....	5.00
Science fee.....	10.00
Breakage deposit fee (Any unused portion will be returned to the student at the end of the term.)	5.00
Home Economics fee.....(according to the course)—2.50 to 10.00	
Registration fee (per year).....	5.00
Student Body dues.....	5.00
Athletic Fee .....	5.00

Unless special arrangements are made with the treasurer, all of the semester expenses are to be paid on the entrance of the student at the beginning of each semester. From the charge for tuition there is no deduction in case of withdrawal of a student except in the case of illness on the part of the student, when the loss will be shared equally by the parents and the school.

Students who enroll for applied music at the beginning of each semester are expected to continue through the semester. After

the expiration of the period for filing study cards, no withdrawals will be permitted and no refunds will be made except in case of serious illness, although in genuine emergency, it may be possible to postpone private lessons until another semester. Lessons missed by students will be made up by the instructor only when an excuse has been presented showing legitimate reason for absence.

No degree will be conferred on any student whose account with the College has not been settled, nor will a statement of credits be furnished unless all accounts are paid in full.

Students leaving the College to enter another institution will be given a transcript of credits and an honorable dismissal if in good standing. For additional transcripts of credits requested at any time, a fee of one dollar is charged.

A fee of one dollar will be charged for any examination taken out of the regular time either for the removal of a condition or for any other reason. Arrangements must be made in advance and the fee paid before the examination will be given.

A deposit of ten dollars is required to record the reservation of a room. This deposit will be returned at the end of the year if the room and furniture are left in good condition, or any unused portion, in case of damage to the room or furniture, will be returned. In case of withdrawal of application, the deposit will not be refunded unless notice be received before August first.

Room assignments are made in the order of the receipt of the reservation deposit. Students already in attendance must pay their deposit by Room Selection Day for priority in the choosing of a room.

Students who wish to invite guests to the college on weekends are to make arrangements with the Dean of Resident Students one week in advance. A charge of five dollars is made for each guest.

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